API Well Number: 43047532860000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER DS 2G-6-10-18	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** UNDESIGNATED
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME** NEMO (GR)
6. NAME OF OPERATOR QEP ENERGY COMPANY	**7. OPERATOR PHONE** 303 308-3068
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078	**9. OPERATOR E-MAIL** debbie.stanberry@qepres.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU75079	**11. MINERAL OWNERSHIP** FEDERAL ◉ INDIAN ○ STATE ○ FEE ○
	12. SURFACE OWNERSHIP FEDERAL ◉ INDIAN ○ STATE ○ FEE ○
13. NAME OF SURFACE OWNER (if box 12 = 'fee')	**14. SURFACE OWNER PHONE (if box 12 = 'fee')**
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
	19. SLANT VERTICAL ○ DIRECTIONAL ○ HORIZONTAL ◉

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	753 FNL 2278 FEL	NWNE	6	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	753 FNL 2278 FEL	NWNE	6	10.0 S	18.0 E	S
At Total Depth	753 FNL 2278 FEL	NWNE	6	10.0 S	18.0 E	S

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 753	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1000	**26. PROPOSED DEPTH** MD: 10408 TVD: 5154
27. ELEVATION - GROUND LEVEL 5315	**28. BOND NUMBER** ESB000024	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 49-251/ 49-2153

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	9.625	0 - 450	36.0	J-55 ST&C	0.0	Rockies Lite	170	1.81	13.5
I1	8.75	7	0 - 4720	26.0	N-80 LT&C	9.0	50/50 Poz	866	1.24	14.35

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Valyn Davis	**TITLE** Regulatory Affairs Analyst	**PHONE** 435 781-4369
SIGNATURE	**DATE** 10/23/2012	**EMAIL** Valyn.Davis@qepres.com
API NUMBER ASSIGNED 43047532860000	**APPROVAL** Permit Manager	

RECEIVED: November 21, 2012

QEP Energy Company
DS 2G6-10-18
Summarized New Drill C-Lime Horizontal Procedure

1. MIRU drilling rig.
2. Drill 12-3/4" hole to 450'.
3. RIH with 9-5/8" 36# J-55 casing to bottom.
4. Cement casing.
5. NU rig's 3,000 WP rated BOP.
6. Drill vertically to 4,720'.
7. RIH with 7" 26# N-80.
8. Cement casing.
9. Drill out cement and drill to KOP of 4,820'.
10. Build curve per directional plan to land in the Uteland Butte "C" Lime.
11. Drill ~4,824' of lateral in the Uteland Butte A Sand at ~223.47° azimuth, following formation dip.
    a. Mud system to be water based. Weights are expected to be in the 8.8 – 9.8 ppg range.
12. PU 4 1/2" liner with slotted joints and run to TD.
    a. Land liner top at 4,620', 100' above the 7" casing shoe.
    b. Bottom of liner will be 30' of bottom.
13. Set RBP at 2,000'
14. ND BOP's.
15. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 2G6-10-18

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

*This is a horizontal welll:

Formation	Depth, TVD	Depth, MD
Green River	1,100'	1,100'
Kick Off Point	4,820'	4,820'
Uteland Butte C Lime	5,295'	5,526'
TD	5,154'	10,408'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top an bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Uteland Butte C Lime	5,295 – 5,154'	5,526' – 10,408'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A49-251 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 2G6-10-18

3. Operator's Specification for Pressure Control Equipment

A. 3,000 psi double gate, 3,000 psi annular (schematic attached)

B. Function test daily.

C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.

D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc…, for a 3M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
17 ½ "	14"	sfc	40'	Steel	Cond.	None	Used	Air
12 ¼"	9 5/8"	sfc	450'	36.0	J-55	STC	New	Air
8 ¾"	7"	sfc	4,720'	26.0	N-80	LTC	New	8-9 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
7"	26.0 lb.	N-80	LTC	5,410 psi	7,240 psi	519,000 lb.

The lateral will be lined with casing and slotted liner landed 30' off bottom.

Lateral:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
6 1/8"	4 ½"	4,620'	10,380'	11.6	N-80	8 – 10 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
4 ½"	11.6 lb.	N-80	LTC	6,350 psi	7,780 psi	223,000 lb.

Please refer to the attached wellbore diagram for further details.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 2G6-10-18

5. Cementing Program

20" Conductor:
Cement to surface with construction cement.

9-5/8" Surface Casing: sfc – 450' (MD)
Lead/Tail Slurry: 0' – 450'. 170 sks (310 cu ft) Rockies LT cement + 0.25 lb/sk Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft^3/sk, Slurry volume: 12-1/4" hole + 100% excess.

7" Intermediate Casing: sfc – 4,720' (MD)
Lead/Tail Slurry: sfc – 4,720'. 866 sks (1,074 cu ft) 50/50 Poz Premium + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.125 lb/sk Poly-E-Flake. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft^3/sk, Slurry volume: 8-3/4" hole + 40% excess.

SSW Lateral: 4,720' – 10,380'
No cement, liner hung in open hole 30' off bottom.

6. Auxilliary Equipment

a. Kelly Cock – Yes

b. Float at the bit – No

c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show

d. Fully opening safety valve on the rig floor – Yes

e. Rotating Head – Yes

Drilling the surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III requirements, subsection E Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is less than 500 feet and high pressures are not expected.

f. **Properly lubricated and maintained rotating head.** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.

g. **Blooie line discharge 100' from well bore and securely anchored.** The blooie line discharge for this operation will be located 50 to 70 feet from the

wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.

h. **Automatic ignitor or continuous pilot light on the blooie line.** A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.

i. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore.** Compressors located 50 feet on the opposite side of the well bore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valve on the compressor, 3) spark arrestors on the motors.

Drilling of the laterals will be done with fresh water NaCl based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and NaCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

7. Testing, Logging, and Coring Program

a. Cores – None Anticipated

b. DST – None Anticipated

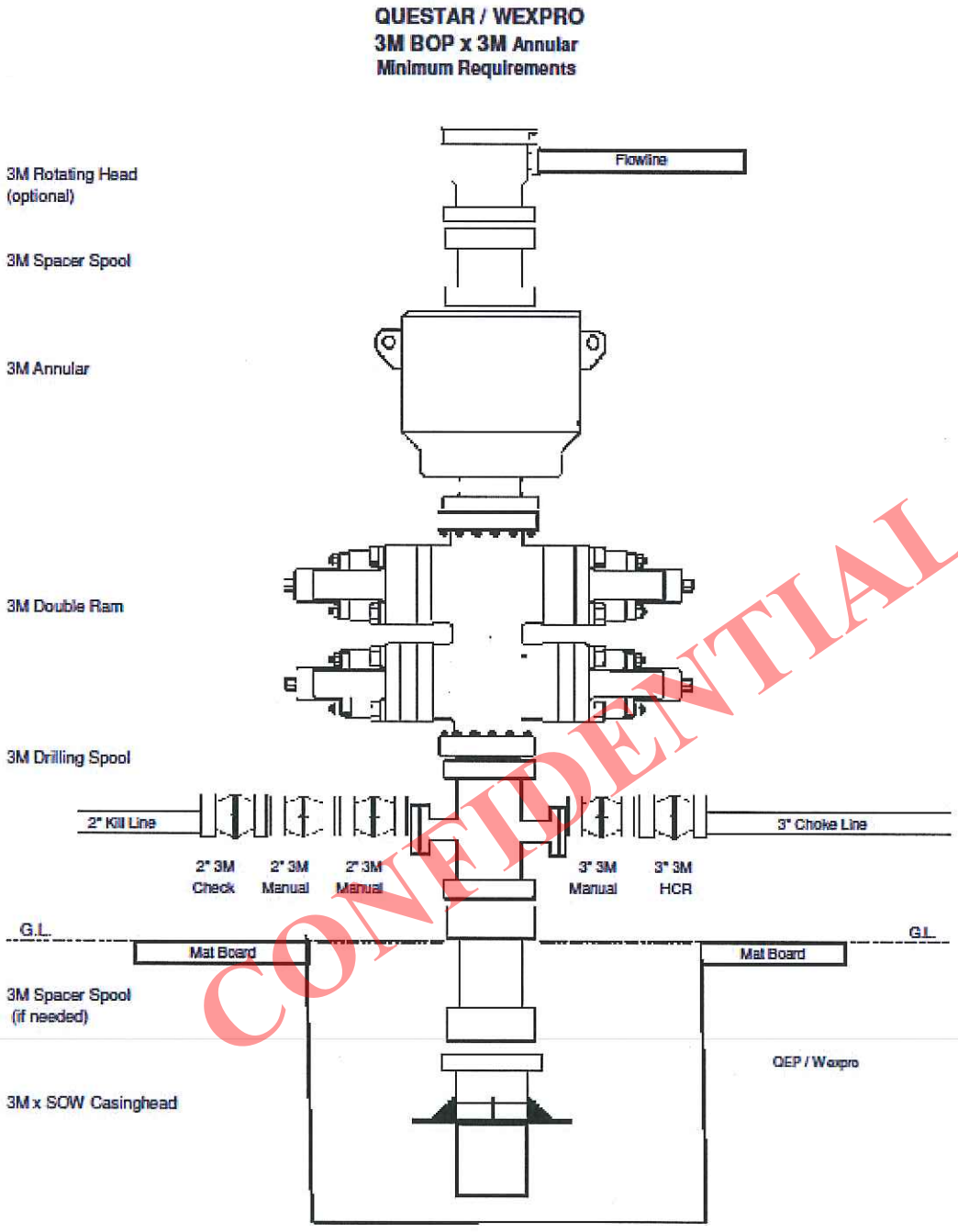
c. Logging:
   i. Mud logging from casing exit to TD
   ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.

d. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

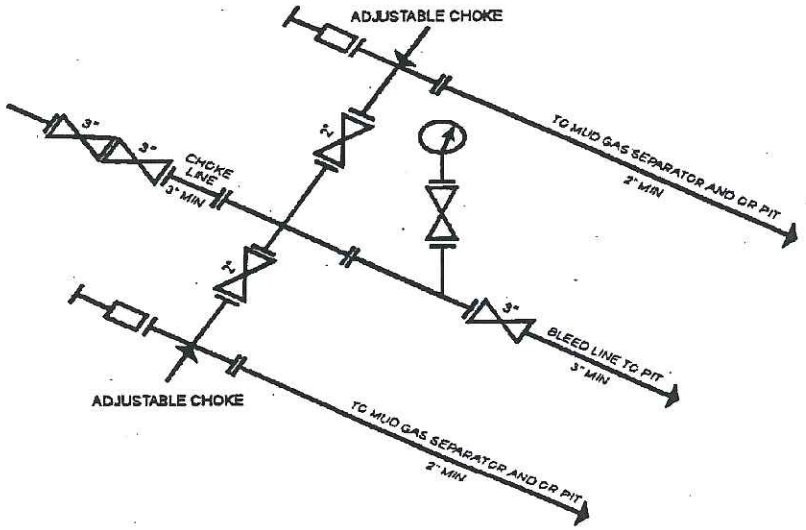
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,500 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 2G6-10-18



ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
DS 2G6-10-18



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

API Well Number: 43047532860000

DS 2G6-10-18

Updated 10-10-2012 CRA

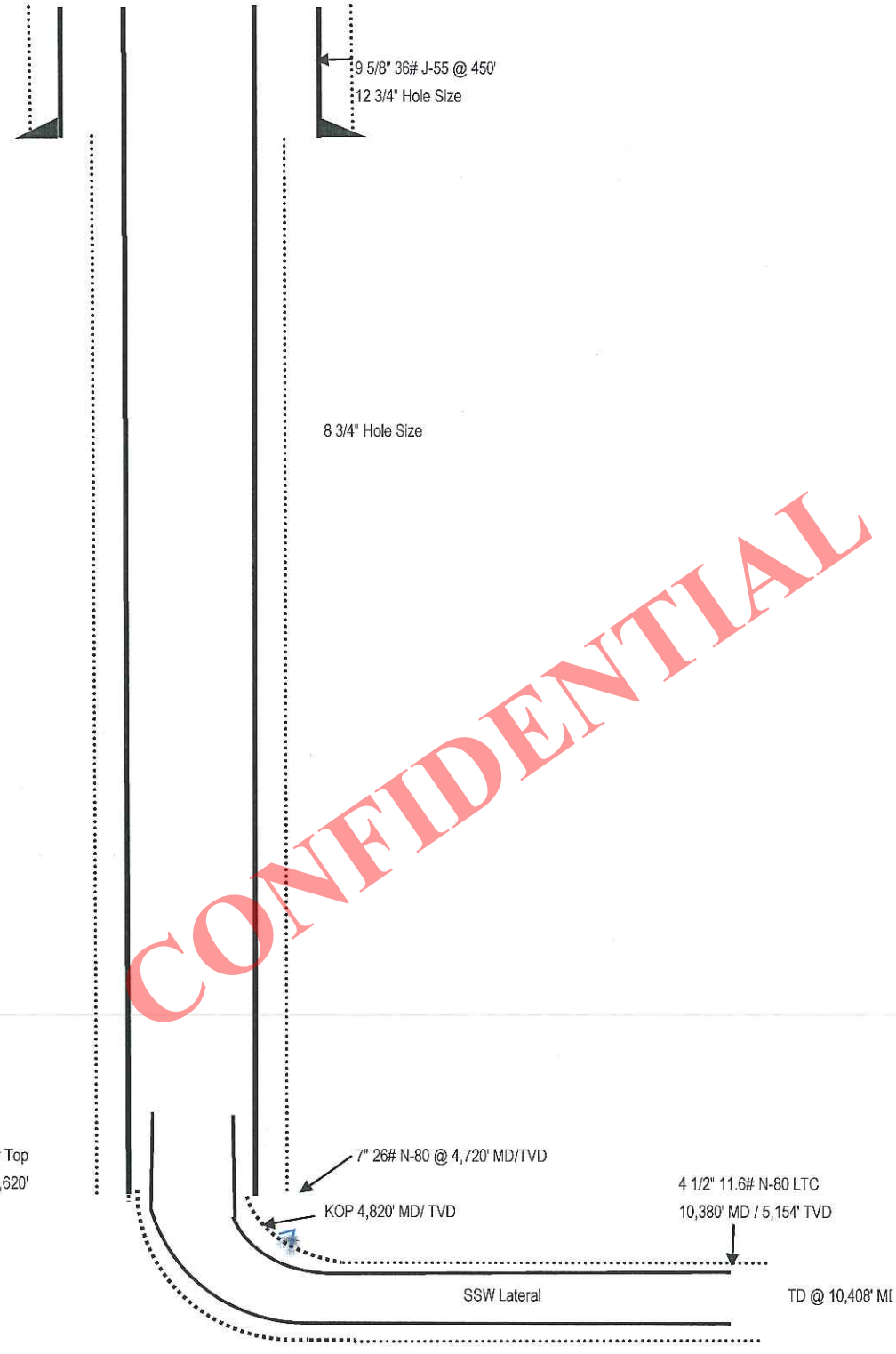
Proposed WBD

Uinta Basin

Sec 6-T10S-R18E, Uintah County, UT

KB 5,330'
GL 5,314'

NOTE: NOT TO SCALE



QEP Energy Company

QEP ENERGY (UT)

Desert Springs
DS 2G6-10-18
DS 2G6-10-18

Original Hole

Plan: Plan ver.0

Standard Planning Report

31 July, 2012

QEP Energy Company

API Well Number: 43047532860000

QEP Resources, Inc.
Planning Report

Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well DS 2G6-10-18
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5327.60usft (AZTEC 781)
Project:	Desert Springs	MD Reference:	RKB @ 5327.60usft (AZTEC 781)
Site:	DS 2G6-10-18	North Reference:	True
Well:	DS 2G6-10-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.0		

Project	Desert Springs, Uinta, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	DS 2G6-10-18					
Site Position:		Northing:	7,164,585.725 usft	Latitude:	39.978106
From:	Lat/Long	Easting:	2,078,976.748 usft	Longitude:	-109.934892
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.00 °

Well	DS 2G6-10-18					
Well Position	+N/-S	-0.01 usft	Northing:	7,164,585.717 usft	Latitude:	39.978106
	+E/-W	0.00 usft	Easting:	2,078,976.748 usft	Longitude:	-109.934892
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,313.60 usft	Ground Level:	5,313.60 usft

Wellbore	Original Hole				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/31/2012	11.11	65.74	52,142

Design	Plan ver.0				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	223.47	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,819.65	0.00	0.00	4,819.65	0.00	0.00	0.00	0.00	0.00	0.00	
5,583.82	91.70	223.47	5,296.91	-356.79	-338.23	12.00	12.00	0.00	223.47	
10,407.71	91.70	223.47	5,153.80	-3,856.08	-3,655.52	0.00	0.00	0.00	0.00	DS 2G6-10-18

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,819.65	0.00	0.00	4,819.65	0.00	0.00	0.00	0.00	0.00	0.00
5,583.82	91.70	223.47	5,296.91	-356.79	-338.23	491.63	12.00	12.00	0.00
10,407.71	91.70	223.47	5,153.80	-3,856.08	-3,655.52	5,313.40	0.00	0.00	0.00

API Well Number: 43047532860000

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5327.60usft (AZTEC 781)
Project:	Desert Springs	**MD Reference:**	RKB @ 5327.60usft (AZTEC 781)
Site:	DS 2G6-10-18	**North Reference:**	True
Well:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Original Hole		
Design:	Plan ver.0		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DS 2G6-10-18 - plan hits target center - Point	0.00	0.00	5,153.80	-3,856.08	-3,655.52	7,160,666.650	2,075,389.609	39.967520	-109.947934

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
450.00	450.00	9 5/8"	9-5/8	12-1/4
4,830.00	4,830.00	7"	7	8-3/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,094.00	1,094.00	Green River fm		0.00	
3,036.00	3,036.00	Garden Gulch mbr		0.00	
5,158.26	5,130.58	Uteland Butte Member		1.70	43.47
5,526.00	5,295.12	C Lime top		1.70	43.47
5,546.00	5,296.53	C Lime top porosity		1.70	43.47

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 11.11°

Magnetic Field
Strength: 52142.1nT
Dip Angle: 65.74°
Date: 7/31/2012
Model: IGRF2010

Project: Desert Springs
Site: DS 2G6-10-18
Well: DS 2G6-10-18
Wellbore: Original Hole
Design: Plan ver.0

WELL DETAILS: DS 2G6-10-18
Original Hole

Ground Level: 5313.60

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7164585.717	2078976.748	39.978106	-109.934892	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well DS 2G6-10-18, True North
Vertical (TVD) Reference: RKB @ 5327.60usft (AZTEC 781)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5327.60usft (AZTEC 781)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Desert Springs

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level

SECTION DETAILS

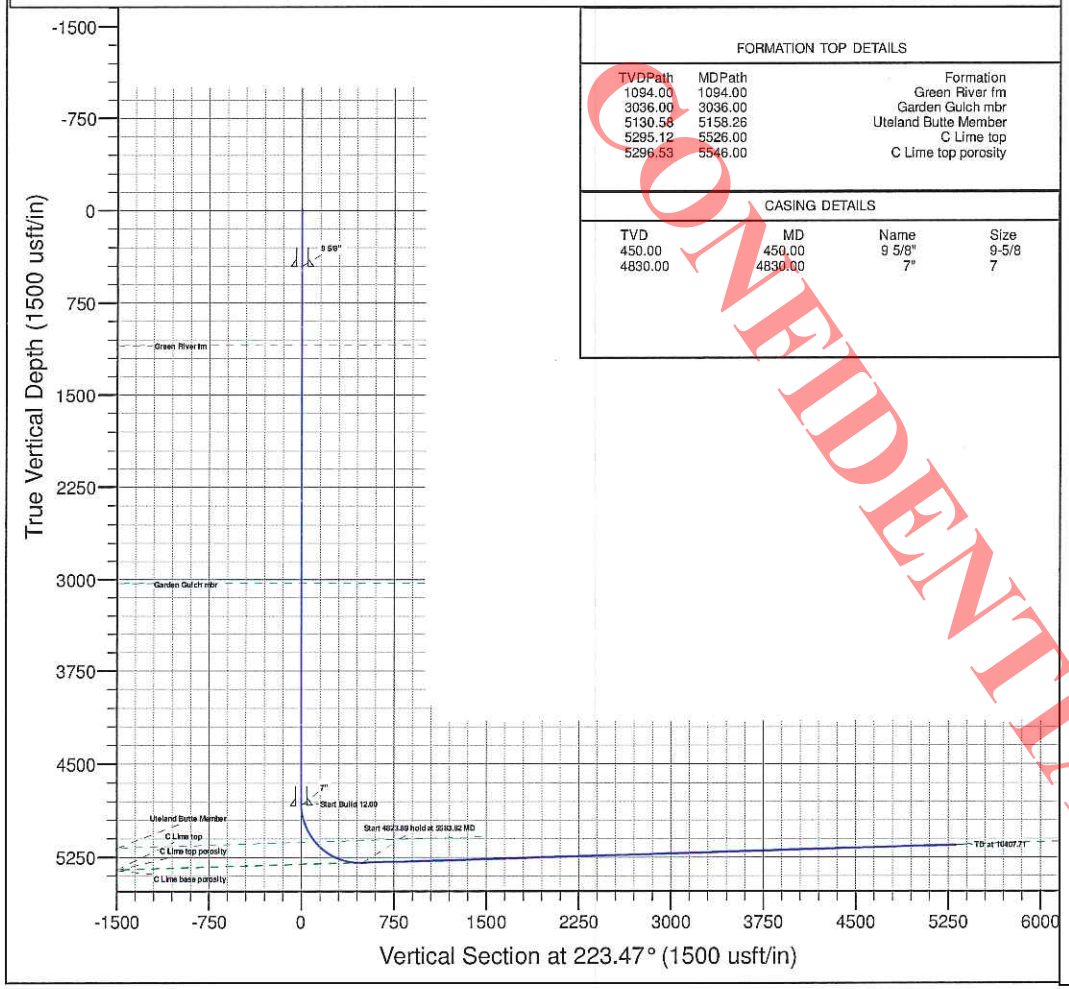
MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4819.65	0.00	0.00	4819.65	0.00	0.00	0.00	0.00
5583.82	91.70	223.47	5296.91	-356.79	-338.23	12.00	491.63
10407.71	91.70	223.47	5153.80	-3856.08	-3655.52	0.00	5313.40

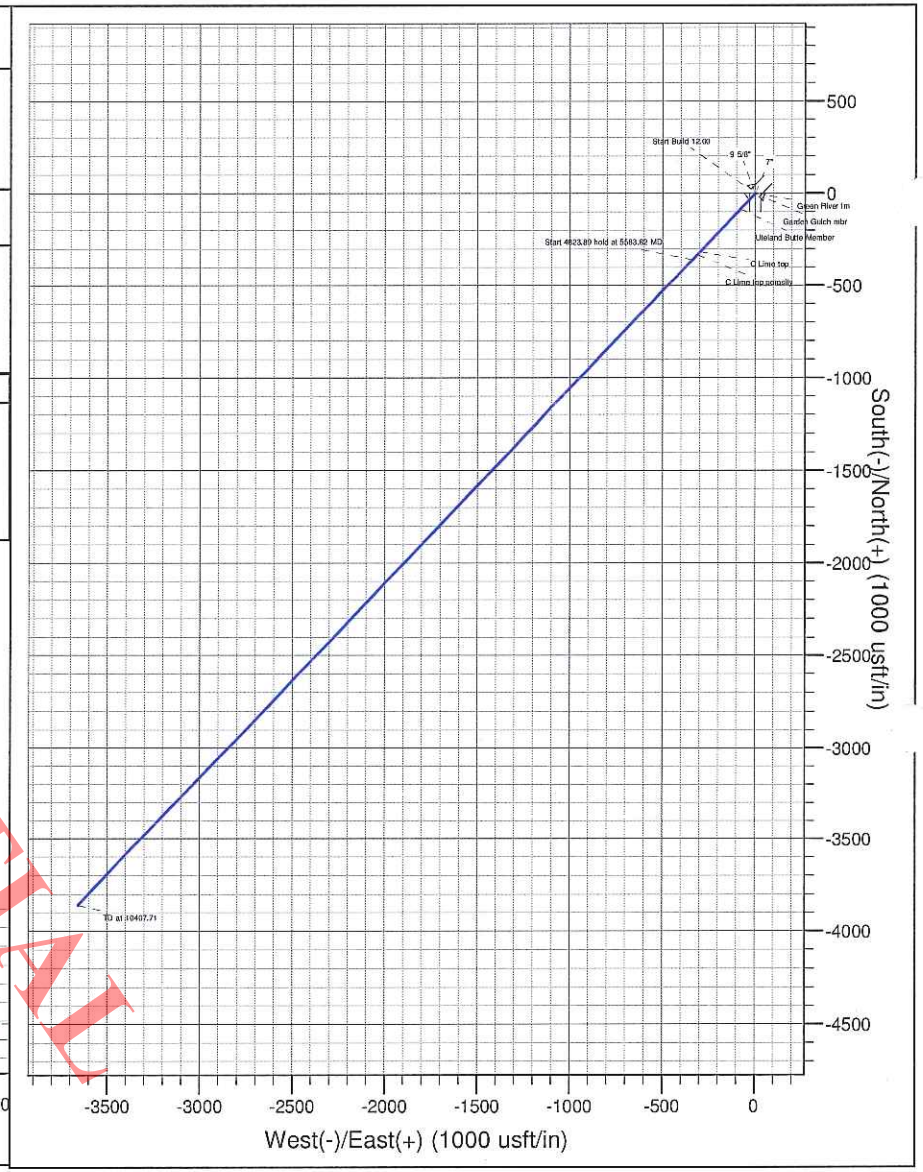
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1094.00	1094.00	Green River fm
3036.00	3036.00	Garden Gulch mbr
5130.58	5158.26	Uteland Butte Member
5295.12	5526.00	C Lime top
5296.53	5546.00	C Lime top porosity

CASING DETAILS

TVD	MD	Name	Size
450.00	450.00	9 5/8"	9-5/8
4830.00	4830.00	7"	7





API well Number: 43047532860000

API well Number: 43047532860000

T10S, R18E, S.L.B.&M.

QEP ENERGY COMPANY

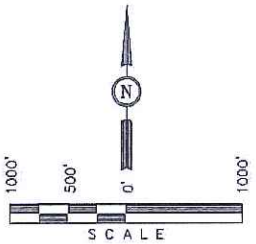
Well location, DS #2G6-10-18, located as shown in Lot 2 of Section 6, T10S, R18E, S.L.B.&M., Uintah County, Utah.

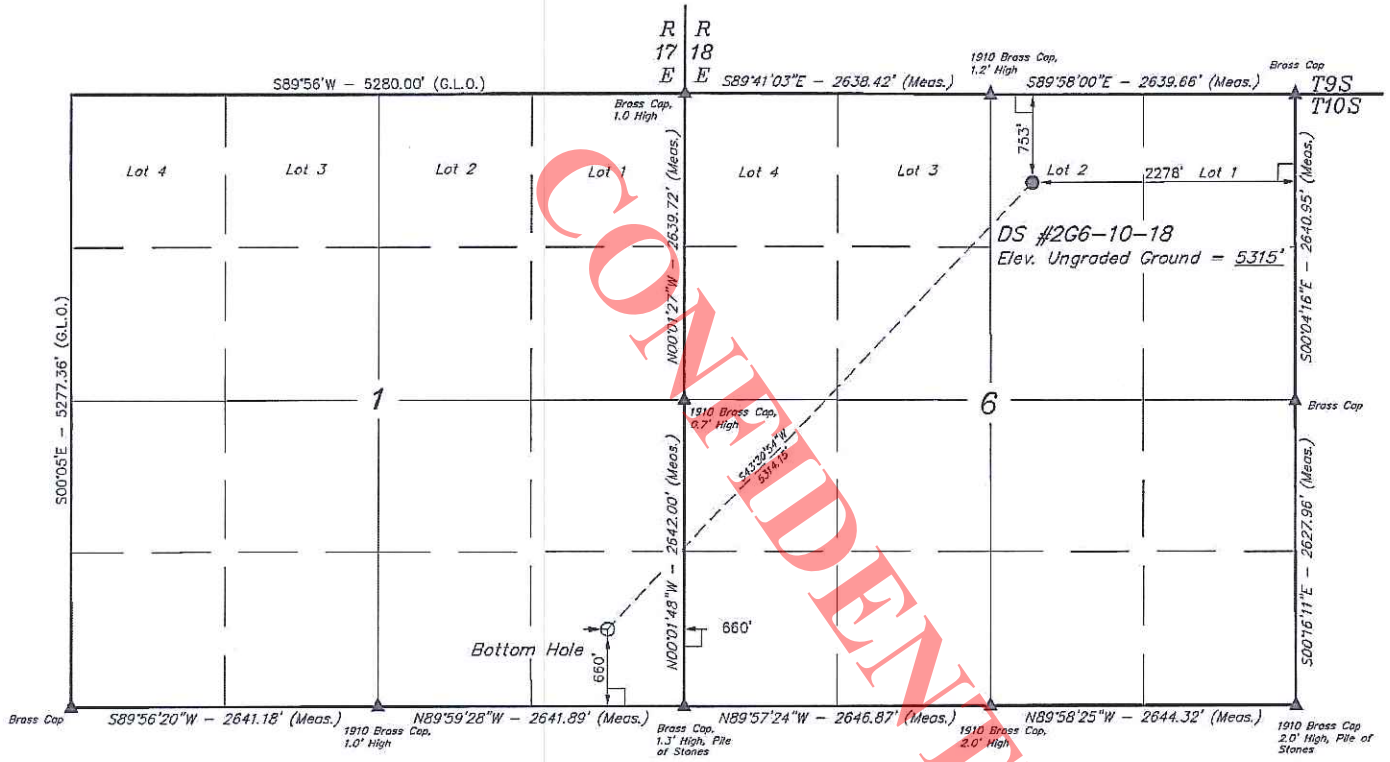
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.





CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°58'03.07" (39.967519)	LATITUDE = 39°58'41.18" (39.978106)
LONGITUDE = 109°56'52.56" (109.947933)	LONGITUDE = 109°56'05.61" (109.934892)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°58'03.20" (39.967556)	LATITUDE = 39°58'41.31" (39.978142)
LONGITUDE = 109°56'50.03" (109.947231)	LONGITUDE = 109°56'03.08" (109.934189)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 04-05-12	DATE DRAWN: 04-17-12
PARTY: B.H. A.S. R.L.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

QEP ENERGY COMPANY

DS #2G6-10-18

LOCATED IN UINTAH COUNTY, UTAH
SECTION 6, T10S, R18E, S.L.B. & M.

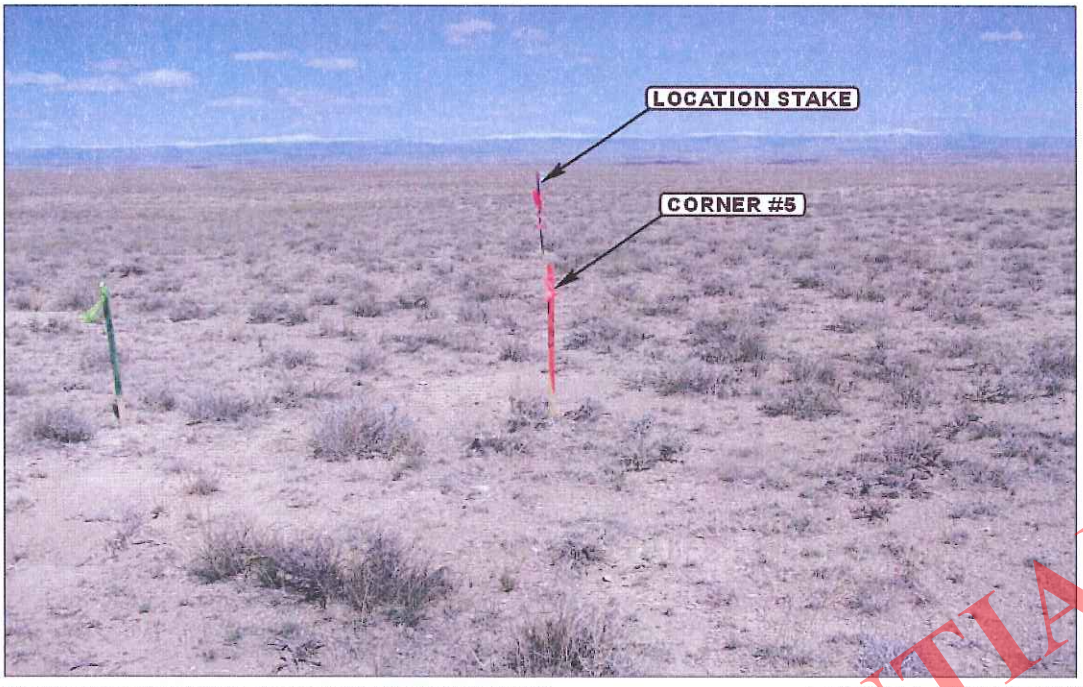


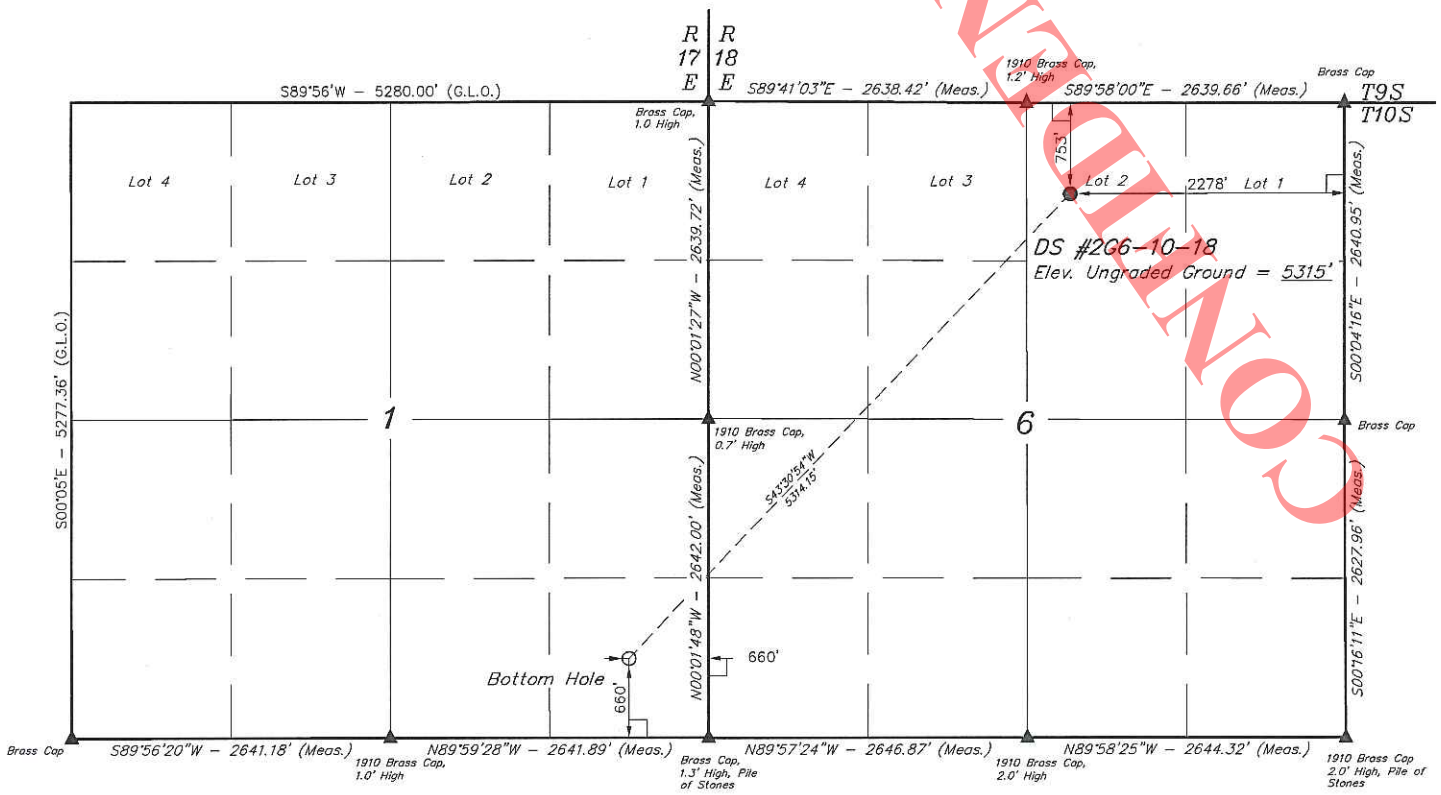
PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: NORTHERLY

PHOTO: VIEW OF THE BEGINNING OF THE PROPOSED ACCESS — CAMERA ANGLE: NORTHERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	04 MONTH	24 DAY	12 YEAR	PHOTO
TAKEN BY: G.O.	DRAWN BY: B.D.H.	REVISED: 00-00-00		

T10S, R18E, S.L.B.&M.



QEP ENERGY COMPANY

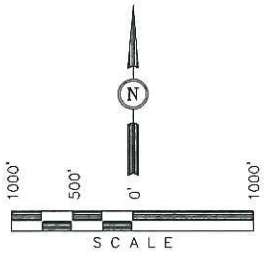
Well location, DS #2G6-10-18, located as shown in Lot 2 of Section 6, T10S, R18E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°58'03.07" (39.967519)	LATITUDE = 39°58'41.18" (39.978106)
LONGITUDE = 109°56'52.56" (109.947933)	LONGITUDE = 109°56'05.61" (109.934892)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°58'03.20" (39.967556)	LATITUDE = 39°58'41.31" (39.978142)
LONGITUDE = 109°56'50.03" (109.947231)	LONGITUDE = 109°56'03.08" (109.934189)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 04-05-12	DATE DRAWN: 04-17-12
PARTY: B.H. A.S. R.L.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: QEP ENERGY COMPANY	

API Well Number: 43047532860000

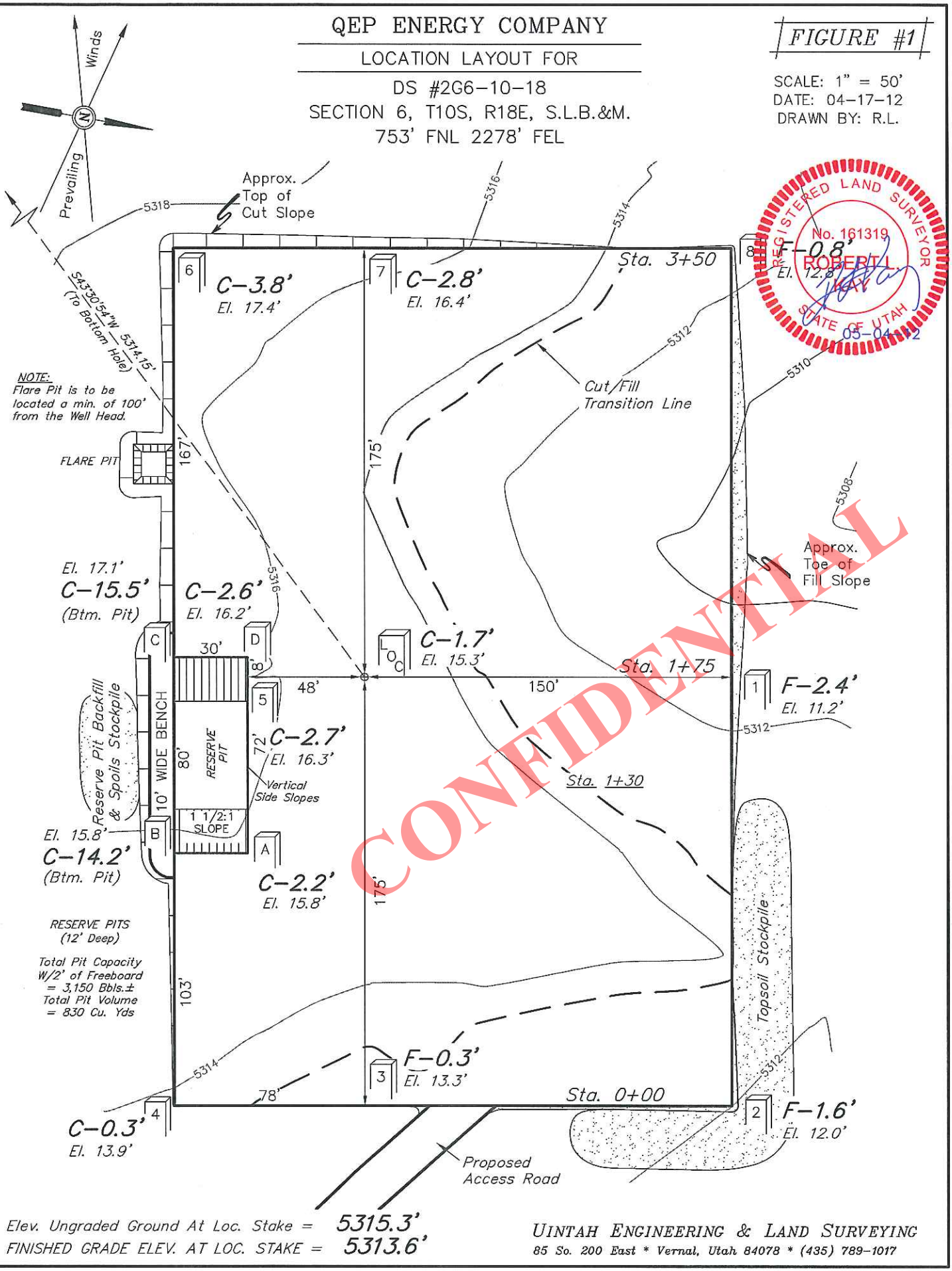
QEP ENERGY COMPANY

LOCATION LAYOUT FOR

DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

FIGURE #1

SCALE: 1" = 50'
DATE: 04-17-12
DRAWN BY: R.L.



REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH
05-04-12

CONFIDENTIAL

Elev. Ungraded Ground At Loc. Stake = 5315.3'
FINISHED GRADE ELEV. AT LOC. STAKE = 5313.6'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

API Well Number: 43047532860000

QEP ENERGY COMPANY

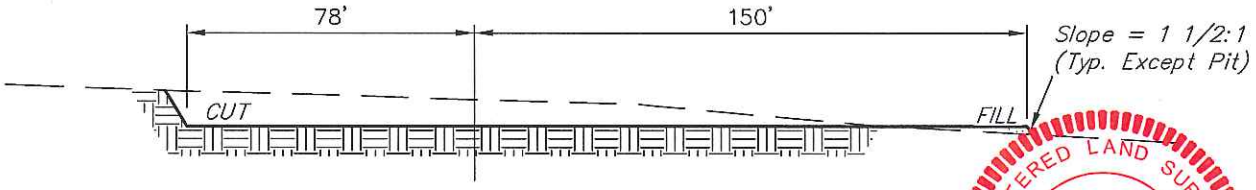
TYPICAL CROSS SECTIONS FOR

DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

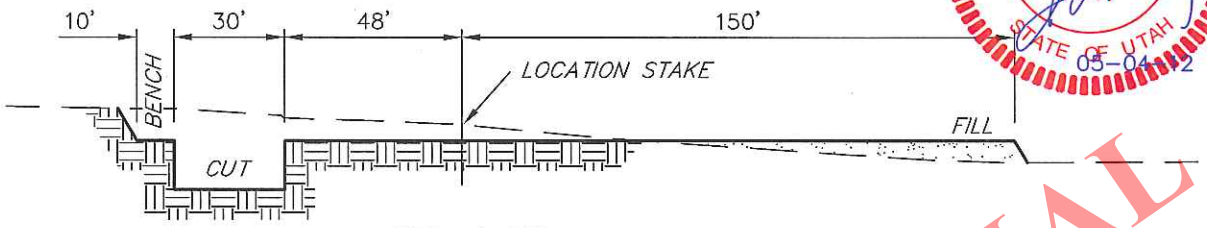
FIGURE #2

1" = 20'
X-Section Scale
1" = 50'

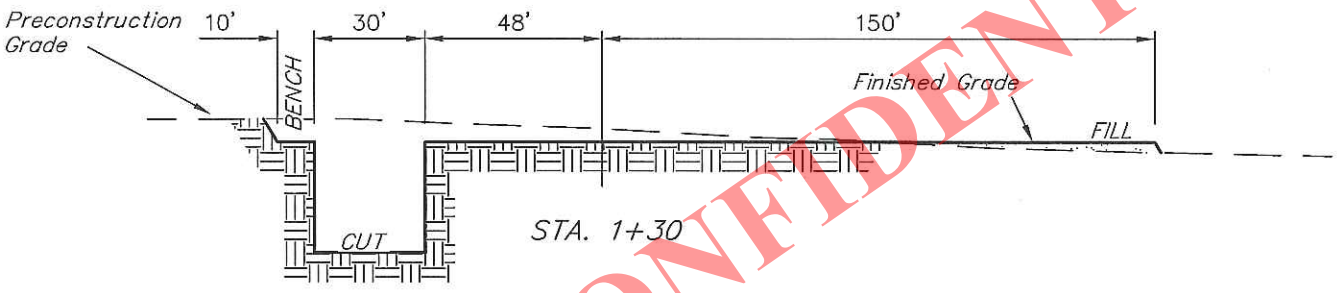
DATE: 04-17-12
DRAWN BY: R.L.



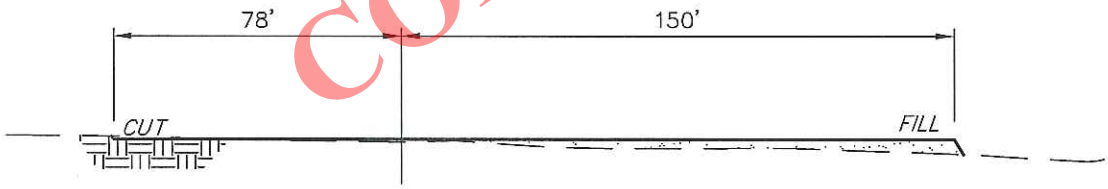
STA. 3+50



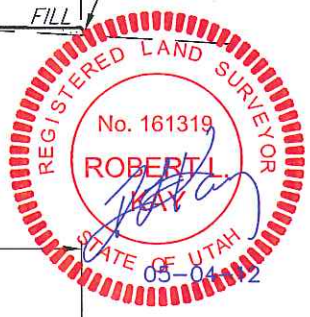
STA. 1+75



STA. 1+30



STA. 0+00



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES
WELL SITE DISTURBANCE = ± 2.060 ACRES
ACCESS ROAD DISTURBANCE = ± 7.263 ACRES
TOTAL = ± 9.323 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	*1,590* Cu. Yds.
Remaining Location	=	*2,720* Cu. Yds.
TOTAL CUT	=	*4,310* CU. YDS.
FILL	=	*2,300* CU. YDS.

EXCESS MATERIAL	=	*2,010* Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	*2,010* Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	*0* Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

API Well Number: 43047532860000

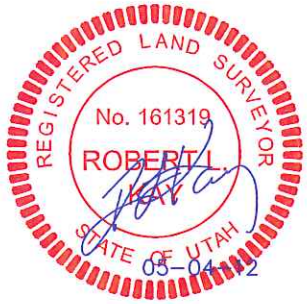
QEP ENERGY COMPANY

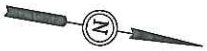
TYPICAL RIG LAYOUT FOR

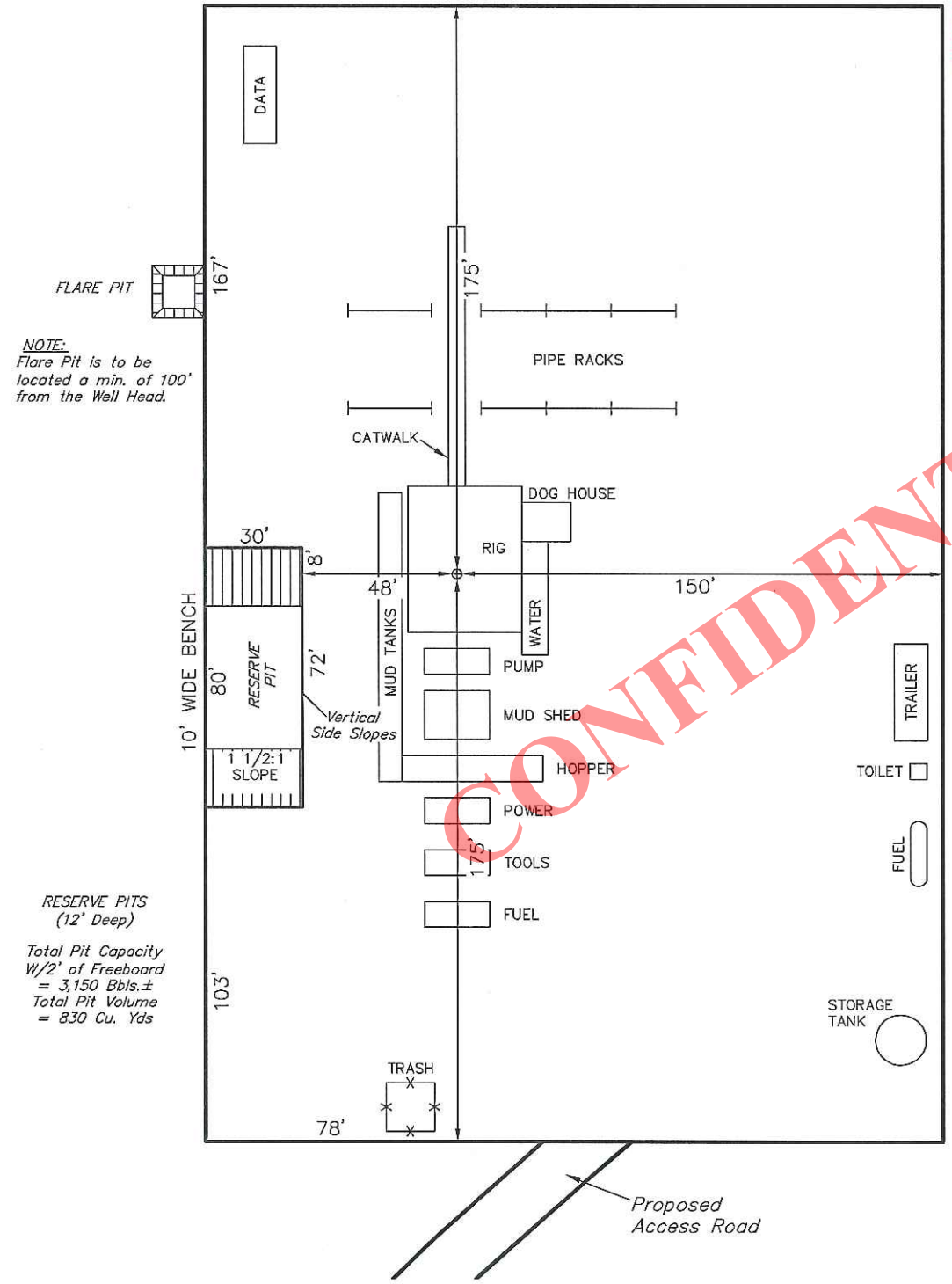
DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

FIGURE #3

SCALE: 1" = 50'
DATE: 04-17-12
DRAWN BY: R.L.







NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

RESERVE PITS
(12' Deep)

Total Pit Capacity
W/2' of Freeboard
= 3,150 Bbls.±
Total Pit Volume
= 830 Cu. Yds

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

API Well Number: 43047532860000

QEP ENERGY COMPANY

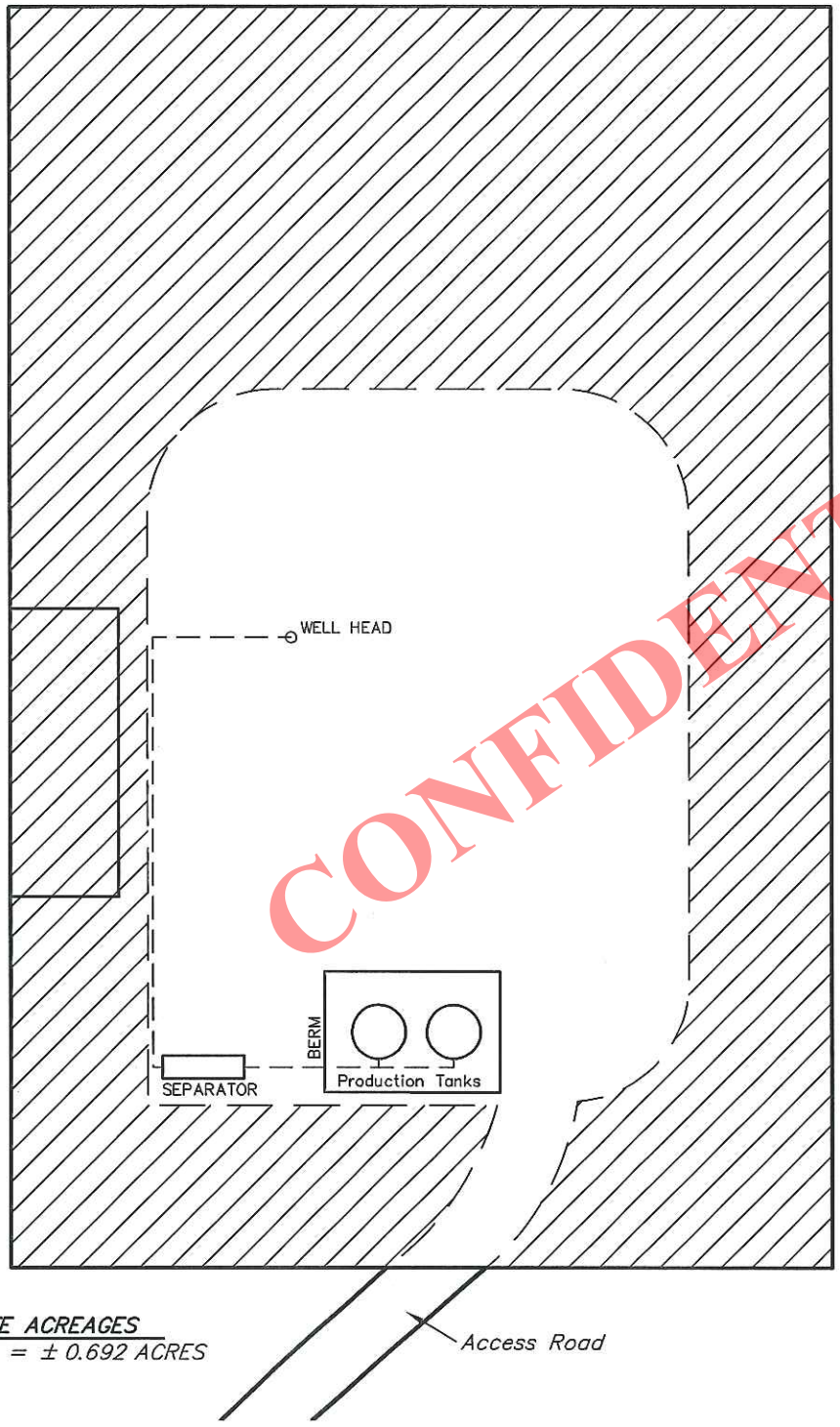
PRODUCTION FACILITY LAYOUT FOR

DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

FIGURE #4

SCALE: 1" = 50'
DATE: 04-17-12
DRAWN BY: R.L.
REVISED: 06-20-12 R.L.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
06-20-12



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 0.692 ACRES

RECLAIMED AREA

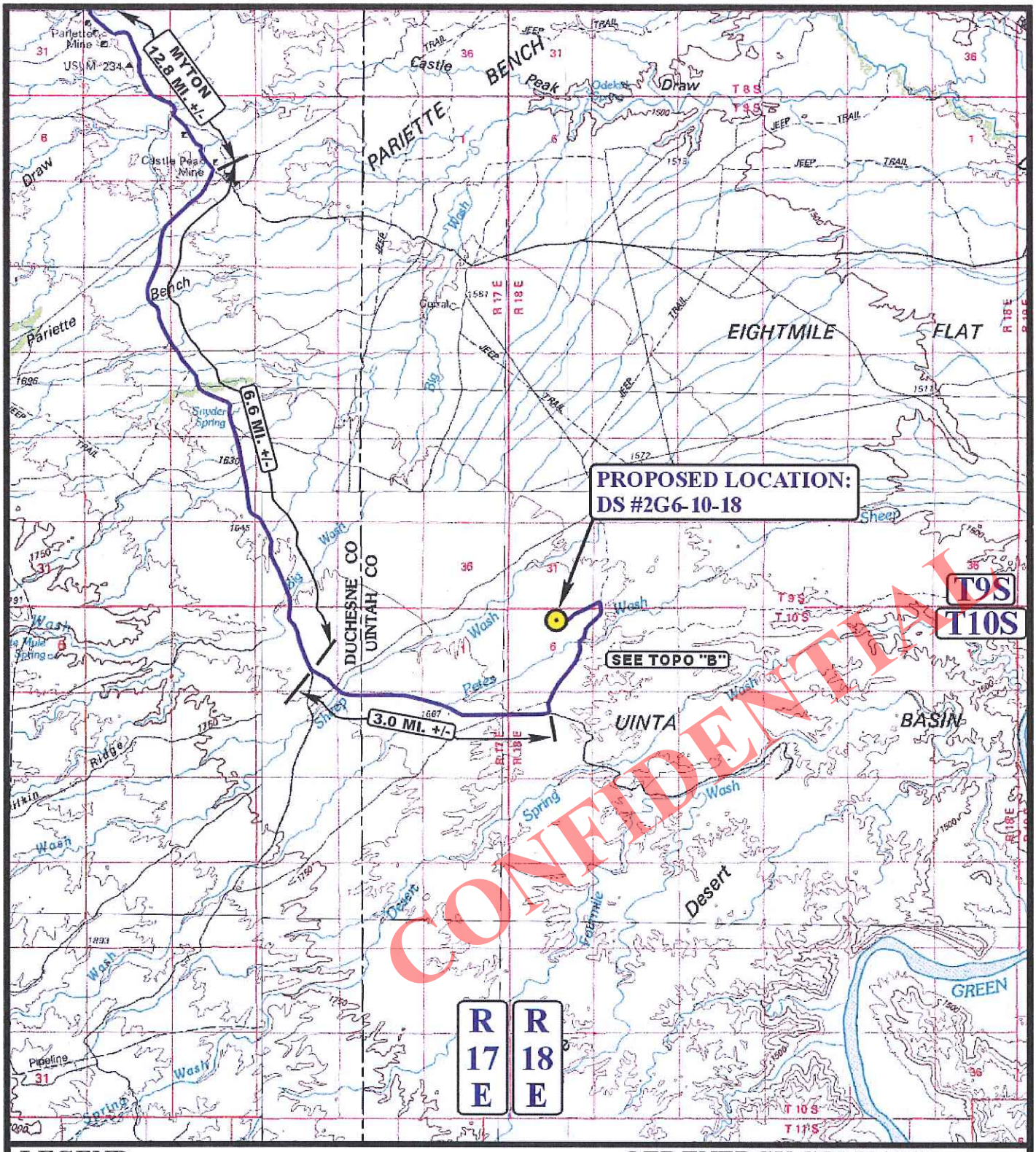
UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

QEP ENERGY COMPANY
DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHEASTERLY, THEN NORTHERLY, THEN SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 10,546' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 24.6 MILES.

API Well Number: 43047532860000



LEGEND:

PROPOSED LOCATION

N

QEP ENERGY COMPANY

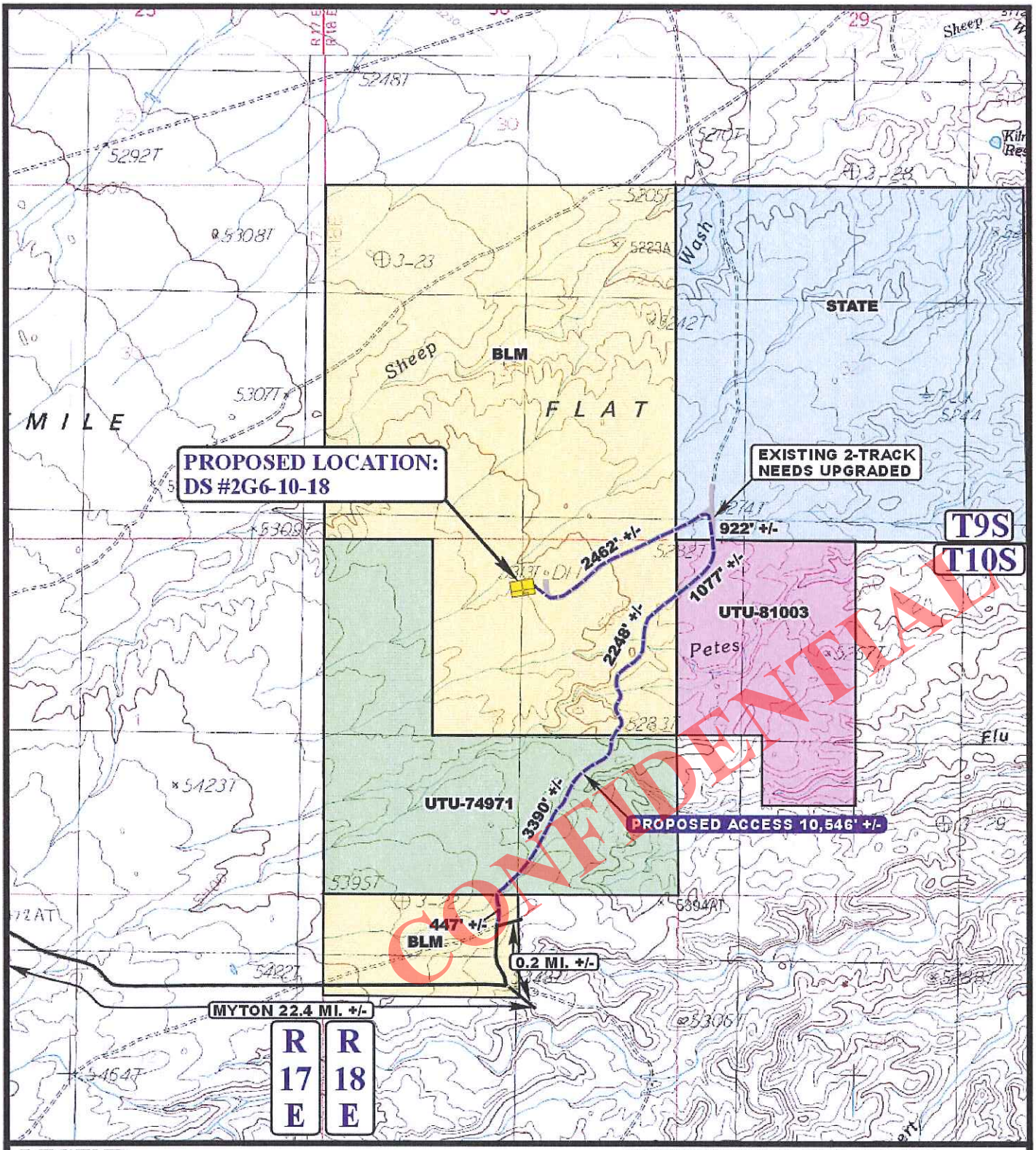
DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 04 MONTH | 24 DAY | 12 YEAR | A TOPO

SCALE: 1:100,000 | DRAWN BY: B.D.H. | REVISED: 00-00-00

API Well Number: 43047532860000



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING 2-TRACK NEEDS UPGRADED

N

QEP ENERGY COMPANY

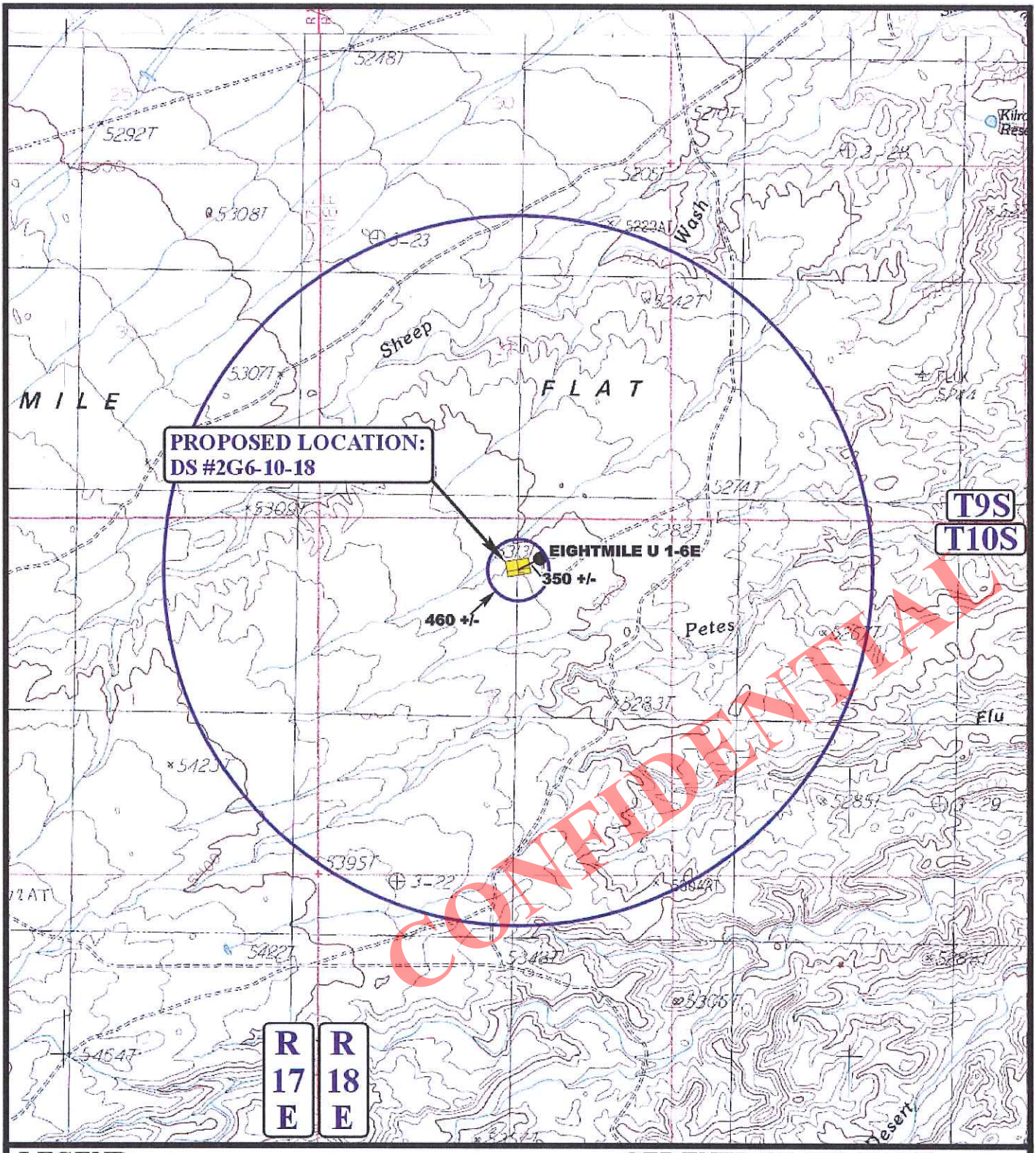
DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 04 MONTH | 24 DAY | 12 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: B.D.H. | REVISED: 00-00-00

API Well Number: 43047532860000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

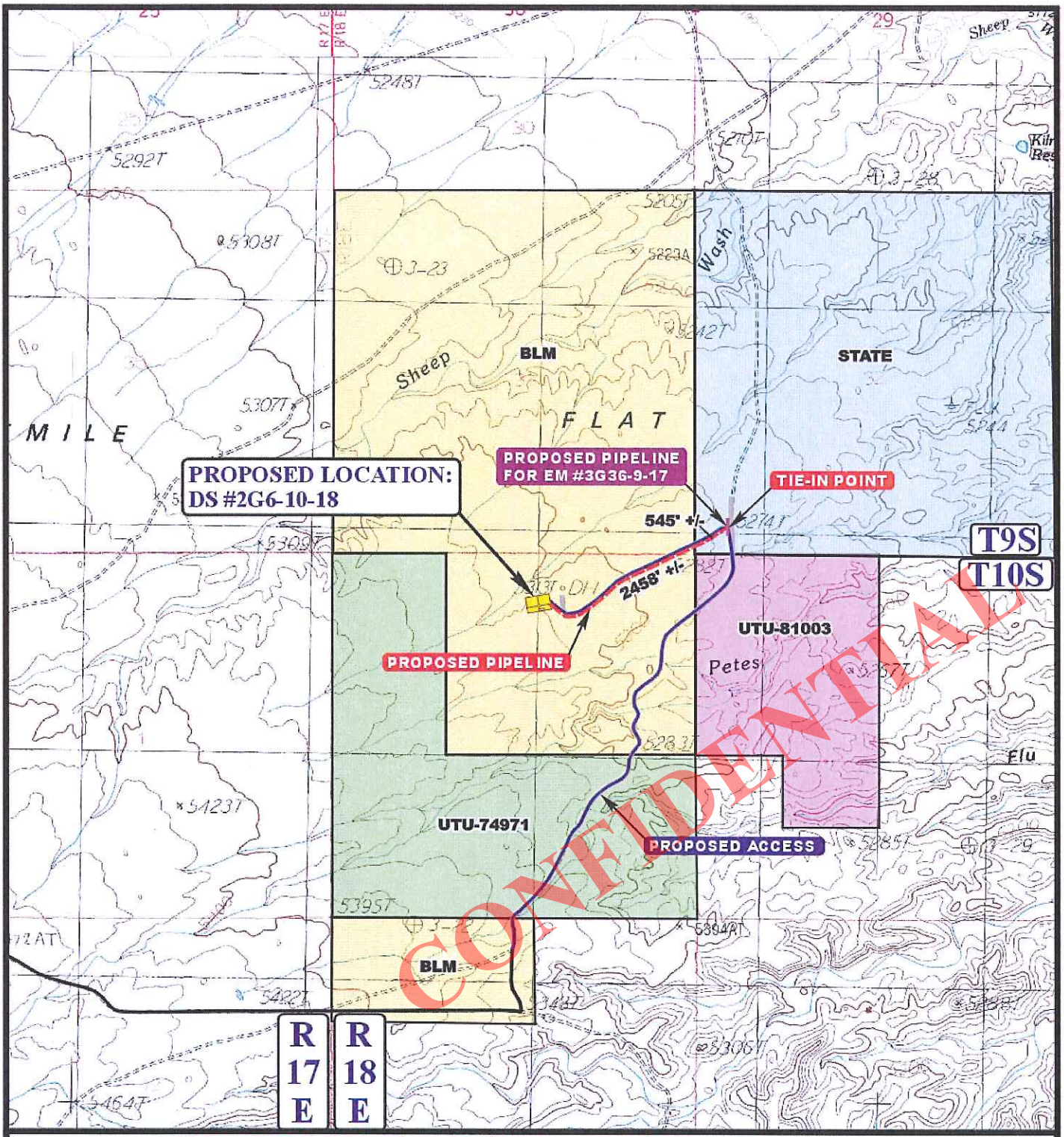
QEP ENERGY COMPANY

DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	24 DAY	12 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: B.D.H.	REVISED: 00-00-00		

API Well Number: 43047532860000



APPROXIMATE TOTAL PIPELINE DISTANCE = 3,003' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

QEP ENERGY COMPANY

DS #2G6-10-18
SECTION 6, T10S, R18E, S.L.B.&M.
753' FNL 2278' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	24 DAY	12 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: B.D.H.	REVISED: 00-00-00		

QEP ENERGY COMPANY

REFERENCE MAP: AREA OF VEGETATION

DS #2G6-10-18

LOCATED IN UINTAH COUNTY, UTAH
SECTION 6, T10S, R18E, S.L.B.&M.

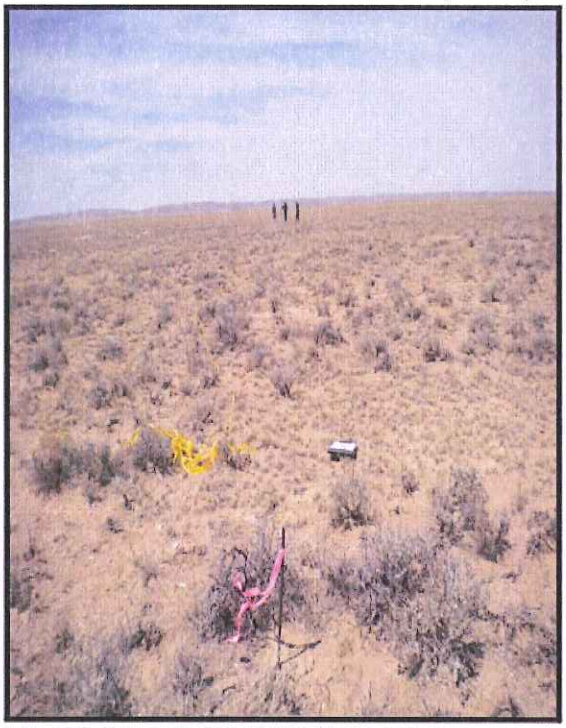
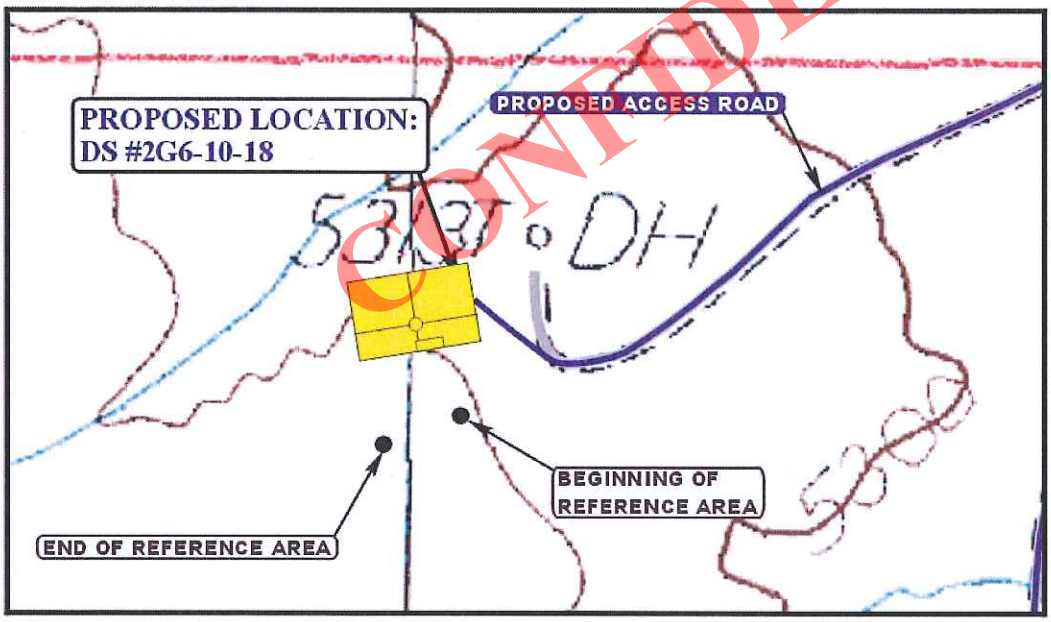


PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA

NOTE:

BEGINNING OF REFERENCE AREA
NAD 83 Z12 UTM NORTHING: 14520294.385
NAD 83 Z12 UTM EASTING: 1938917.703
(NAD 83) LATITUDE: 39.977419
(NAD 83) LONGITUDE: -109.934481

END OF REFERENCE AREA
NAD 83 Z12 UTM NORTHING: 14520199.612
NAD 83 Z12 UTM EASTING: 1938690.790
(NAD 83) LATITUDE: 39.977167
(NAD 83) LONGITUDE: -109.935294



- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

SCALE: 1" = 500'	06 MONTH	12 DAY	12 YEAR	REF.
TAKEN BY: C.R.	DRAWN BY: C.I.	REVISED: 00-00-00		

Additional Operator Remarks

QEP Energy Company proposes to drill the DS 2G6-10-18 and drill a horizontal oil well to test the Uteland Butte Member of the Green River Formation. If productive, casing will be run and the well completed. If dry, the well be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Oil & Gas Order No. 1

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

Information for Dual Laterals

Surface Location
753' FNL, 2278' FEL, LOT 2, Section 6, T10S, R18E, Lease Number UTU-84262

Lateral 1
660' FSL, 660' FEL, SESE, Section 1, T10S, R17E, Lease Number UTU-75079
3856.08 Lateral Leg Length @ 223.47 Azimuth (See Attached Drilling Plans)
TD: 10,408' MD

QEP ENERGY COMPANY
DS 2G-6-10-18
SL: LOT 2, SECTION 6, T10S, R18E
BHL: SESE, SECTION 1, T10S, R17E
UINTAH COUNTY, UT
SURFACE LEASE # UTU-84262
BHL LEASE # UTU-75079

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the DS 2G-6-10-18 on June 6, 2012. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Dan Emmett	Bureau of Land Management
Valyn Davis	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Amanda Taylor	QEP Energy Company
Ryan Angus	QEP Energy Company
Eric Wickersham	QEP Energy Company
Cody Rich	Uintah Engineering & Land Surveying

1. **Existing Roads**:

See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

The proposed well site is located approximately 25 miles southeast of Myton, Utah.

-See attached TOPO Map "A".

Existing roads will be upgraded, maintained and repaired as necessary.

A State right-of-way will be required for the part of the existing access road that travels off lease. Approximately 922' in length, 30' in width, containing approximately .634 acres, of existing access road as proposed will be located on state administered lands. QEP Energy Company will apply for the proper easements.

2. **Planned Access Roads**:

The remaining portion of the existing access road to be upgraded located in sections 5, 6, 7 and 13, T10S, R18E will be approximately 9,624' in length, 30' in width, containing approximately 6.62 acres. This portion of the access road is located within the Nemo Unit.

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the State.

Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.
The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards.

If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed.

All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards.

The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed.

Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided.

When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access

3. Location of Existing Wells Within a 1-Mile Radius:

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

4. Location of Existing and Proposed Facilities:

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the BLM.

It was determined on the onsite by the BLM VFO/AO that the facilities will be painted Covert Green.

5. **Location and Type of Water Supply**:

Fresh water will be obtained from Wonsits Valley water right # 49-251 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. Fresh water may also be obtained from Neil Moon Pond water right #43-11787, or Myton City Water, Myton, Utah.

6. **Source of Construction Materials**:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials**:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary; the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

Disposal of Produced Water:

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order # 7, all produced water will be contained in tanks on location.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to the following pre-approved disposal site:

West End Disposal located in the NESE, Section 28, T7S, R22E,
NBE 12 SWD-10-9-23 located in the NWSW, Section 10, 9S, 23E,
Lapoint Recycle & Storage located in Sec. 12, T5S, R19E, Uintah County, UT or
Western Water Solutions- Sand Pass, located in Sec. 9 &10, T4S, R1W.

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

This will be an independent well location. Product will be contained in two 500 bbl tanks and then transported from location to delivery site.

A suitable muffler will be installed on pumping unit to help reduce noise control.

Surface gas pipelines will be constructed in accordance with the following guidance:

GAS SALES LINE: The pipeline will be unpainted steel, 4" inside diameter, welded, schedule # 20 or greater. The pipeline will be 3,033' in length, containing approximately 2.088 acres. The pipeline will be strung along the poposed access route and welded into place. The pipeline will tie into the proposed pipe line for the EM 3G-36-9-17 located in Sec. 36, T9S, R17E.

FUEL GAS LINE: The pipeline will be a 2" inside diameter, poly pipe with a rating of 160 psi or greater. The line will be laid adjacent to the gas sales line following the line to location.

9. **Well Site Layout**:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit or flare box, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

10. **Fencing Requirements**:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least

42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

11. Reclamation Plan:

Reclamation will follow QEP Energy Company, Uinta Basin Division's Reclamation Plan, September 2009 (QEP Energy Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disced if needed.

Water courses and drainages will be restored.
Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.
Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in QEP Energy Company's Reclamation Plan. Weed control will be conducted as stated in QEP Energy Company's Reclamation Plan.

A reference site and weed data sheet have been established and are included in this application.

Please see attached Weed Data Sheet.

Dry Hole/Abandoned Location:

On lands administered by the BLM abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition.

Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

12. Surface Ownership:

The well pad and access road are located on lands owned by:

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

13. Other Information:

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands or State administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM Authorized Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on June 29, 2012, **State of Utah Antiquities Report U-12-MQ-0514b,s** by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on August 17, 2012, Report **No. IPC 12-82PRE** by Stephen D. Sandau. Due to the number of fossils found during this survey, it is recommended that a permitted paleontologist be present to monitor the construction process of the well pad, access road and pipeline. QEP Energy Company will provide paleo monitor for this project.

A habitat assessment and inventory was conducted in May 2012 by Bowen Collins & Associates. No Uintah Basin Hookless Cactus (Sclerocactus wetlandicus) populations or individuals were located during the surveys within the proposed DS

2G-6-10-18, 300' buffer zone or adjacent habitat. This proposed action would not have impact towards individuals or populations of *Sclerocactus wetlandicus*.

Per the onsite meeting on June 6, 2012, the following items were requested/discussed.

There is 3" topsoil.

The below P&A location, cannot be utilized for following reasons:

Belco Pet Co.
Eight Mile Unit 16E
660' FNL, 1979' FEL, NWNE
Sec. 6, T10S, R18E

The DS2G6-10-18 location is spotted to insure there will be no wellbore collision with the abandoned 16E Eight Mile Unit wellbore. That well has casing set to 4500' and open hole below that to 7995', has no precise downhole wellbore survey, and was not drilled by QEP Energy Company or its predecessors. Because the new QEP DS 2G6-10-18 well will deviate from vertical to become a horizontal wellbore in the subsurface, and may be used to initiate additional laterals in the future, initiating the well 300' from the existing hole is deemed necessary to eliminate collision risk.

API Well Number: 43047532860000

Lessee's or Operator's Representative & Certification:

Valyn Davis
Regulatory Affairs Analyst
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4369

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well. QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

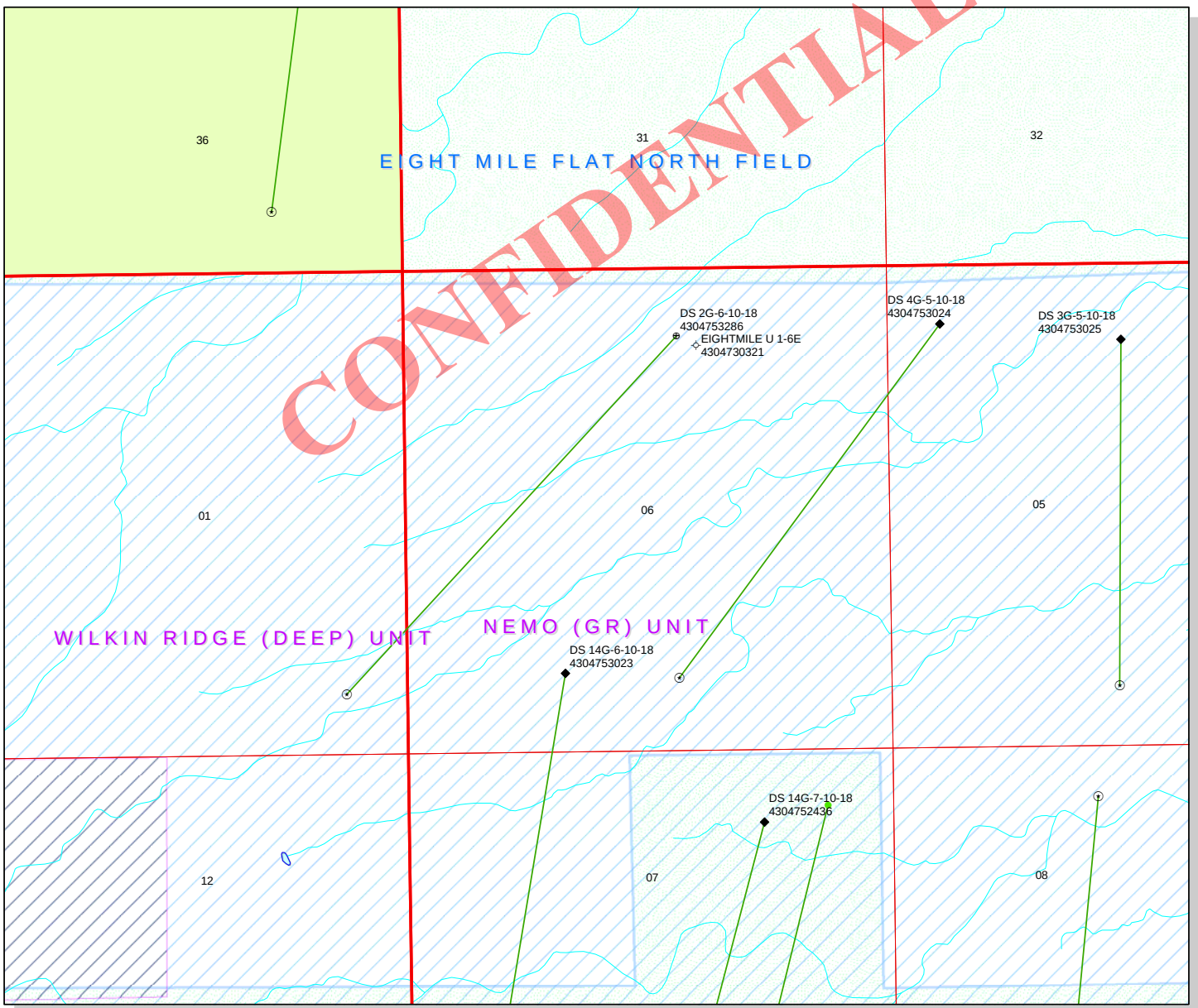
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Valyn Davis

Valyn Davis

10/23/2012
Date

API Well Number: 43047532860000



API Number: 4304753286

Well Name: DS 2G-6-10-18

Township T10.0S Range R18.0E Section 06

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1,400 700 0 1,400 Feet

1:13,484

RECEIVED: October 25, 2012

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 29, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2012 Plan of Development Nemo Unit, Duchesne and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for calendar year 2012 within the Nemo Unit, Uintah County, Utah

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-53286	DS 2G-6-10-18	Sec 06 T10S R18E 0753 FNL 2278 FEL
	Lateral 1	Sec 01 T10S R17E 0660 FSL 0660 FEL

This office has no objection to permitting the well at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.10.29 12:07:49 -06'00'

bcc: File - Nemo Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:10-29-12

RECEIVED: October 30, 2012

API Well Number: 43047532860000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/23/2012
API NO. ASSIGNED: 43047532860000
WELL NAME: DS 2G-6-10-18
OPERATOR: QEP ENERGY COMPANY (N3700)
PHONE NUMBER: 435 781-4369
CONTACT: Valyn Davis

PROPOSED LOCATION: NWNE 06 100S 180E
Permit Tech Review: ☑

SURFACE: 0753 FNL 2278 FEL
Engineering Review: ☐

BOTTOM: 0660 FSL 0660 FEL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 39.97813
LONGITUDE: -109.93490
UTM SURF EASTINGS: 590946.00
NORTHINGS: 4425873.00
FIELD NAME: UNDESIGNATED
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU75079
PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE
SURFACE OWNER: 1 - Federal
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - ESB000024
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 49-251/ 49-2153
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: NEMO (GR)

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: R649-3-2
Effective Date:
Siting:

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
4 - Federal Approval - dmason
23 - Spacing - dmason
27 - Other - bhill

RECEIVED: November 21, 2012

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill
****

Well Name: DS 2G-6-10-18
API Well Number: 43047532860000
Lease Number: UTU75079
Surface Owner: FEDERAL
Approval Date: 11/21/2012

Issued to:
QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the UTELAND BUTTE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the “Board”). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete

angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284
  (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

Form 3160-3
(August 2007)

RECEIVED

OCT 2 3 2012

BLM

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. UTU75079
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA Agreement, Name and No. UTU87719X
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	8. Lease Name and Well No. DS 2G-6-10-18
2. Name of Operator QEP ENERGY COMPANY Contact: VALYN DAVIS E-Mail: Valyn.Davis@qepres.com	9. API Well No. 43-047-53286
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078 / 3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395	10. Field and Pool, or Exploratory UNDESIGNATED
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface Lot 2 753FNL 2278FEL 39.978106 N Lat, 109.934892 W Lon At proposed prod. zone SESE 660FSL 660FEL 39.967519 N Lat, 109.947933 W Lon	11. Sec., T., R., M., or Blk. and Survey or Area Sec 6 T10S R18E Mer SLB Sec. 1 T10S, R17E.
14. Distance in miles and direction from nearest town or post office* 25 MILES +/- SOUTHEAST OF MYTON, UTAH	12. County or Parish UINTAH / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 753' / 16. No. of Acres in Lease 1000.00	17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. +/- 1000' / 19. Proposed Depth 10408 MD 5154 TVD	20. BLM/BIA Bond No. on file ESB000024
21. Elevations (Show whether DF, KB, RT, GL, etc. 5315 GL / 22. Approximate date work will start 03/15/2013	23. Estimated duration 30 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) VALYN DAVIS Ph: 435-781-4369	Date 10/23/2012
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date APR 04 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
APR 16 2013
DIV. OF OIL, GAS & MINING

Electronic Submission #155911 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 11/09/2012 ()

NOTICE OF APPROVAL

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

NOS 5/17/12

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**QEP Energy Company**	**Location:**	**Lot 2, Sec. 6, T10S, R18E**
Well No:	**DS 2G-6-10-18**	**Lease No:**	**UTU-75079**
API No:	**43-047-53286**	**Agreement:**	**Nemo Unit**

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.

- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.

- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

- Green completions will be used for all well completion activities where technically feasible.

- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

- Scientifically important fossils were found at the 1G-5-10-18 well site. A permitted paleontologist will be present to monitor the construction process for the well pad, access road, and pipeline. (IPC 12-82, August 17 2012)

- No fossils were found at the 2G-6-10-18 location but some were found nearby. For this site, a permitted paleontologist would be present to monitor the beginning of construction. (IPC 12-82, August 17 2012)

- *Discovery Stipulation*: Re-initiation of section 7 consultation with the USFWS will be sought immediately if any loss of plants or occupied habitat for Species is anticipated as a result of project activities.

- All vehicles and equipment will be cleaned either through power-washing, or other approved method, if the vehicles or equipment are brought in from areas outside the Uinta Basin, to prevent weed seed introduction.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted

Air Drilling
1. Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.

2. Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.

3. Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.

4. Straight run blooie line. Variance granted for targeted "T's" at bends.

5. Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

- No aggressive/fresh hard-banded drill pipe shall be used within casing.

- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in CD (compact disc) format to the Vernal BLM Field Office. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.
    - Well name and number.
    - Well location (¼¼, Sec., Twn, Rng, and P.M.).
    - Date well was placed in a producing status (date of first production for which royalty will be paid).
    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
    - Unit agreement and/or participating area name and number, if applicable.
    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# PETE MARTIN Submitted By DAVID REID Phone Number 435-828-0396
Well Name/Number DS 2G-6-10-18
Qtr/Qtr SE/SE Section 6 Township 10S Range 18E
Lease Serial Number UTU75079
API Number 43-047-53286

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/17/2013 08:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☒ Other

Date/Time 4/17/2013 08:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ _____ AM ☐ PM ☐

Remarks We will drill AND SET 40' FO 14" CONDUCTOR WITH PETE MARTIN ON 4 /17/2013 STARTING @ 08:00 HRS

RECEIVED
APR 16 2013
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# PRO-PETRO #8 Submitted By DAVID REID Phone Number 435-828-0396
Well Name/Number DS 2G-6-10-18
Qtr/Qtr SE/SE Section 6 Township 10S Range 18E
Lease Serial Number UTU75079
API Number 43Ø-047-53286

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/17/2013 08:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 4/21/2013 07:00 AM ☒ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

Date/Time _____ _____ AM ☐ PM ☐

RECEIVED
APR 1 9 2013
DIV. OF OIL, GAS & MINING

Remarks We will drill 12 1/4" HOLE TO 450'+AND SET 9 5/8' CASING AND CEMENT SAME ON SUNDAY 4/21/2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU75079

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
NEMO (GR)

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
DS 2G-6-10-18

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047532860000

3. ADDRESS OF OPERATOR:
11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER:
303 308-3068 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0753 FNL 2278 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 06 Township: 10.0S Range: 18.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☑ SPUD REPORT Date of Spud: 4/18/2013	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ON 4/18/2013- SET 50' OF 14" CONDUCTOR PIPE. CEMENTED WITH READY MIX.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 22, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE		**DATE**
N/A		4/19/2013

RECEIVED: Apr. 19, 2013

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# SST 88 Submitted By DAVID REID Phone Number 435-828-0396
Well Name/Number DS 2G-6-10-18
Qtr/Qtr SE/SE Section 6 Township 10S Range 18E
Lease Serial Number UTU75079
API Number 43-047-53286

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 4/17/2013 08:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

☒ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 4/21/2013 07:00 AM ☒ PM ☐

BOPE

☒ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED
APR 28 2013
DIV. OF OIL, GAS & MINING

Date/Time 4/29/2013 10:00 AM ☐ PM ☒

Remarks WE WILL BE TESTING THE BOP'S AFTER WE RIG UP SST 88, IT WILL BE A 3000 PSI TEST. SURFACE CASING HAS ALREADY BEEN PRE-SET.

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# SST 88
Submitted By Dave Harding Phone Number 435-828-0396
Well Name/Number DS 2G-6-10-18
Qtr/Qtr SE/SE Section 6 Township 10S Range 18E
Lease Serial Number UTU75079
API Number 43-047-53286

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☒ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 5/8/2013 1:00 AM ☒ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED
MAY 07 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ _____ AM ☐ PM ☐

Remarks We will be running intermediate casing

_____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: DS 2G-6-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047532860000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0753 FNL 2278 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 06 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 6/6/2013	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☑ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THIS WELL COMMENCED PRODUCTION ON JUNE 6, 2013 @ 9:00 P.M.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 11, 2013

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE		**DATE**
N/A		6/11/2013

RECEIVED: Jun. 11, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU75079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: DS 2G-6-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047532860000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0753 FNL 2278 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 06 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/21/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: November 25, 2013

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst

SIGNATURE	DATE
N/A	11/21/2013

RECEIVED: Nov. 21, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047532860000

API: 43047532860000
Well Name: DS 2G-6-10-18
Location: 0753 FNL 2278 FEL QTR NWNE SEC 06 TWNP 100S RNG 180E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 11/21/2012

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 11/21/2013
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Nov. 21, 2013

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU75079
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: NEMO (GR)
8. WELL NAME and NUMBER: DS 2G-6-10-18
9. API NUMBER: 4304753286
10. FIELD AND POOL, OR WILDCAT: UNDESIGNATED

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER
b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER
2. NAME OF OPERATOR: QEP ENERGY COMPANY
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4320
4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: SEC. 6, T10S, R18E, NWNE, 753' FNL, 2278' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: SEC. 6, T10S, R18E, NWNE, 753' FNL, 2278' FEL
AT TOTAL DEPTH: SEC. 1, T10S, R17E, SWSE, 612' FSL, 792' FEL
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 6 10S 18E
12. COUNTY: UINTAH
13. STATE: UTAH

14. DATE SPUDDED: 4/18/2013
15. DATE T.D. REACHED: 5/17/2013
16. DATE COMPLETED: 6/6/2013 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 5315' GL
18. TOTAL DEPTH: MD 10,590 TVD 5,175
19. PLUG BACK T.D.: MD TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD TVD
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each): CBL
23. WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	9.625 J55	36	0	524		285	58	230	
8.75	7 L80	26	0	4,875		550	221		
6.125	4.5 N80	11.6	4,804	10,560		0			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	4,770							

26. PRODUCING INTERVALS / 27. PERFORATION RECORD

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GREEN RIVER	5,577	10,560			0			Open ☐ Squeezed ☐
(B)								Open ☐ Squeezed ☐
(C)								Open ☐ Squeezed ☐
(D)								Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5,577 - 10,560	2,246 BBLS 15% HCL

29. ENCLOSED ATTACHMENTS:
☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: POW

(5/2000)

(CONTINUED ON BACK)

RECEIVED: Nov. 25, 2014

31. INITIAL PRODUCTION — **INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
6/6/2013	6/12/2013	24		182	0	10	GPU

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	10	10					182	0	10	

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

USED ON LEASE

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				UINTA	0
				GREEN RIVER	1,622
				GARDEN GULCH	3,034
				UTELAND BUTTE	5,179
				C LIME	5,566

35. ADDITIONAL REMARKS (Include plugging procedure)

#27: HOLE OPEN FROM BASE OF 7" (4,875') TO TD.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BENNA MUTH TITLE REGULATORY ASSISTANT - CONTRACT

SIGNATURE Benna Muth DATE 10/6/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

QEP Energy Company

Daily Activity and Cost Summary

Well Name: DS 2G-6-10-18

API	Surface Legal Location	Field Name	State	Well Configuration Type
42-047-53286	S6-T10S-R18E	UTELAND BUTTE	UTAH	Horizontal

Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	KB to CF (ft)	Spud Date	Final Rig Release
5,313.6	5,313.60	30.00	30.00	4/19/2013 07:00	5/21/2013 06:00

Job Category	Primary Job Type	Secondary Job Type	Objective
Drilling	DRILLING	DEVELOPMENT	

Start Date	Job End Date
4/19/2013	5/21/2013

Purpose

Summary

Contractor	RIG	Rig Type
Pete Martin Drilling	PETE MARTIN 1	AUGER RIG
Pro Petro	AIR 8	AIR RIG
SST Energy	SST 88	ROTARY RIG

DOL	Start Date	Summary
1.0	4/18/2013	Pre-spud Costs
2.0	4/19/2013	MIRU, DRILL 20"CINDUCTOR HOLE TO 50', RUN 14" CASING AND CEMENT SAME
3.0	4/21/2013	MOVE IN AND RIG UP, DRILL 12 1/4" HOLE TO 500'. RUN 9 5/8" CASING TO 494'. CEMENT CASING W/285 SACKS OF CEMENT. 21 BBLS TO SURFACE, NO TOP JOB NEEDED. RIG DOWN MOVE OUT
4.0	4/27/2013	RIG DOWN TOP DRIVE AND FLOOR, LAY DERICK OVER, RIG DOWN BACK YARD AND SET OUT SAME
5.0	4/28/2013	RIG DOWN DERRICK, SUBS AND CONT TO MOVE RIG ,SET IN BACK YARD, PUT SUBS TOGETHER AND SET DERRICK AND DRAWORKS ON FLOOR.
6.0	4/29/2013	PULL BRIDLE OUT OF DERRICK AND SEND TO DENVER, CO.FINISH SETTING FLOOR PLATES AND DOGHOUSE. WORK ON PONY ROD SEA, HOOK UP GAS BUSTER AND FLAIR LINES.WAIT ON DAYLIGHTS
7.0	4/30/2013	INSTALL REPAIRED BRIDDLE LINE RAISE THE DERRICK AND SET IN FLOOR PLATES AND RIG UP FLOOR & TOP DRIVE DAY WORK STARTED @ 2100 HR'S 4-30-2013 PJSM AND TEST BOP'S250 LOW & 5000 HIGH 250 LOW &1500 HIGH ON THE ANNULAR & CASING SET WEAR BUSHING PICK UP DIRECTIONAL TOOLS SCRIB MWD TRIP IN THE HOLE TO 494 FT TOP OF THE FLOAT COLLAR
8.0	5/1/2013	DRILL CEMENT T/ 540. FIT. DRILL T/ 740. MWD FAILURES. TRIP FOR MWD 3 TIMES. DIRECTIONAL DRILL F/ 740 T/ 1107. RIG SERVICE.
9.0	5/2/2013	DIRECTIONAL DRILL F/ 1106 T/ 2342. SERVICE RIG. LOST CIRCULATION @ 2342. SPOT LCM. PULL 5 STDS. SPOT LCM. TRIP OUT INTO SURFACE CASING. PUMP LCM DOWN ANNULUS. FILLED ANNULUS. STAGE IN HOLE.
10.0	5/3/2013	FIGHT LOSS CIRCULATION. PLUGGED MTR. TOH. L/D TOOLS. TIH. SPOT & SQUEEZE POLY SWELL @ 2050 & 1400. P/U TOOLS. TIH. DIRECTIONAL DRILL T/2512. LOST CIRCULATION. TOH CHECKING FOR CIRCULATION. NONE. L/D TOOLS. BUILD VOLUME.
11.0	5/4/2013	TIH OPENENDED. PUMP & SQUEEZE POLY SWELL BEADS @ 1400 FT. TOH. P/U TOOLS. TIH. DIRECTIONAL DRILL F/ 2512 T/ 3419. LOST CIRCULATION. TRIP OUT.
12.0	5/5/2013	BUILD VOLUME. STAGE IN HOLE. DIRECTIONAL DRILL F/ 3419 T/ 4060. LOST 50% RETURNS. TRIP OUT. BUILD VOLUME.
13.0	5/6/2013	BUILD VOLUME. TRIP IN. SERVICE RIG. DIRECTIONAL DRILL F/ 4060 T/ 4549. MOTOR FAILURE. TRIP FOR MOTOR.
14.0	5/7/2013	TRIP IN HOLE. DIRECTIONAL DRILL F/ 4549 T/ 4885. CIRCULATE BTMS UP. SHORT TRIP 5 STDS. CIRCULATE & SPOT NUT PLUG. PJSM. LAY DOWN DRILL STRING. CLEAN FLOOR. PULL WEAR BUSHING. PJSM. RIG UP & RUN 7" CASING.
15.0	5/8/2013	RUN CASING. CIRCULATE. WAIT ON CEMENT WATER. CEMENT CASING.HANG CASING & PACK OFF. CUT DRLG LINE. P/U DIRECTIONAL TOOLS & PROGRAM. TIH PICKING UP DRILL STRING. FILL PIPE. RIG DOWN L/D TRUCK. COULD NOT CIRCULATE. TRIP OUT.
16.0	5/9/2013	TRIP OUT. CLEAR CUTTINGS FROM DRILL STRING. CHANGE OUT MTR. CHECK MWD. P/U TOOLS. SCRIBE & PROGRAM MWD. TRIP IN. DRILL SHOE TRACK T/ 4895. FIT TO 10# EMW. SERVICE RIG. DIRECTIONAL DRILL F/ 4495 T/ 5595
17.0	5/10/2013	DIRECTIONAL DRILL F/ 5595 T/5698. TROUBLESHOOT EM TOOL. TRIP OUT. CHANGE BHA. P/U PULSE TOOL. TRIP IN. GAMMA FAILED. TRIP FOR GAMMA.
18.0	5/11/2013	TRIP IN. DIRECTIONAL DRILL F/ 5698 T/ 6818. SERVICE RIG. SURVEYS & CONECTIONS. WIPER TRIP 6 STDS @ 6248 & 6818.
19.0	5/12/2013	DIRECTIONAL DRILL F/ 6818 T/ 7704. SHORT TRIP. SLIDE: 34 FT/2.5 HRS=4%. ROTATE: 852 FT/13 HRS=96%. TRIP FOR BHA CHANGES.
20.0	5/13/2013	ORIENT TOOLS. TRIP IN. P/U 18 SWDP. SERVICE RIG. DIRECTIONAL DRILL F/ 7704 T/ 8222. CONNECTIONS & SURVEYS. WIPER TRIP 5 STDS.
21.0	5/14/2013	WIPER TRIP. SERVICE RIG. DIRECTIONAL DRILL F/ 8222 T/ 8329. MWD/GAMMA FAILURE. TRIP OUT. CHANGE BIT, MTR & MWD. TRIP IN. WASH & REAM F/ 7721 T/ 8329. DIRECTIONAL DRILL F/ 8329 T/ 8412.

RECEIVED: Nov. 25, 2014

QEP Energy Company

Daily Activity and Cost Summary

Well Name: DS 2G-6-10-18

API	Surface Legal Location	Field Name	State	Well Configuration Type
42-047-53286	S6-T10S-R18E	UTELAND BUTTE	UTAH	Horizontal

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5,313.6	5,313.60	30.00	30.00	4/19/2013 07:00	5/21/2013 06:00

DOL	Start Date	Summary
22.0	5/15/2013	DIRECTIONAL DRILL 8412 FT TO 9327 FT BIT WT= 12/14 GPM= 240 RPM ROT= 200 SLIDE=155 SHORT TRIP @ 9073 TO 8300 BACK REAM FROM 9073 TO 8573 REAM FROM 8443 TO 9065 FT RELOG FROM 9065 TO 9073 FT
23.0	5/16/2013	DIRECTIONAL DRILL SHORT FROM 9644 FT TO 9075 FT REAM BACK TO BOTTOM DIRECTIONAL DRILL RIG SERVICE SURVEY & CONNECTIONS DIRECTIONAL DRILL SHORT TRIP FROM 10177 FT TO 9650 FT REAM BACK TO BOTTOM DIRECTIONAL DRILL CONNECTIONS & SURVEYS
24.0	5/17/2013	DRILL FROM 10277 TO 10590 = 313 FT = 52.16 FT PER HR BIT WT = 15 K ROP=200 GPM= 250 RIG SERVICE CIRC & SPOT PILL TRIP TO THE SHOE CUT THE DRILLING LINE TRIP BACK TO BOTTOM.SHORT TRIP F/10590 TO 9650 REAM FROM 9693 TO 10590 FEET PUMP 2 HIGH VIS SWEEPS TO SURFACE SPOT A LUB & BEAD PILL IN THE LATERAL SECTION TRIP OUT FOR THE PRODUCTION LINNER
25.0	5/18/2013	TRIP OUT LAY DOWN DIRECTIONAL TOOLS PICK UP REAMING ASSEMBLY TRIP IN THE HOLE AND REAM FROM 5010 FT TO 8615 = 248 FPR
26.0	5/19/2013	REAM FROM 8615 TO 10590 CIRC FOR SHORT TRIP, SHORT TRIP 15 STANDS & RUN 15 4.75" DC CIRC & SPOT A BEAD & LUB PILL ON BOTTOM TRIP OUT FOR 4.5" CASING SLM ON TRIP OUT, PICK UP 4 1/2" LINER
27.0	5/20/2013	FINISH RUNNING CASING R/D CASING CREWS, TRIP IN WITH LINER, RELEASE LINER, LAY DOWN DRILL PIPE & BHA, (LAST 35 STANDS RUN 10 STANDS AT A TIME & LAY THEM DOWN DUE TO DYNOMATIC BRAKE FAILURE) RIG DOWN LAY DOWN MACHINE PJSM AND RIG UP CASED HOLE WIRE LINE TRUCK AND SET KNIGHT OIL TOOL BRIDGE PLUG @ 4505' RIG DOWN CASED HOLE WIRE LINE TRUCK NIPPLE DOWN, CLEAN MUD PITS & RIG DOWN RIG RELEASED @ 06:00 HR'S ON 5-21- 2013
28.0	6/12/2013	

NATIVE NAVIGATION

DIRECTIONAL DRILLING SPECIALISTS

QEP Energy Services

Desert Springs
DS 2G6-10-18
DS 2G6-10-18

DS 2G6-10-18

Design: DS 2G6-10-18

Standard Survey Report

24 June, 2013

QEP Resources, Inc.

RECEIVED: Nov. 25, 2014

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Project	Desert Springs		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	DS 2G6-10-18				
Site Position:		**Northing:**	7,164,585.708 usft	**Latitude:**	39.978106
From:	Lat/Long	**Easting:**	2,078,976.748 usft	**Longitude:**	-109.934892
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.00 °

Well	DS 2G6-10-18					
Well Position	**+N/-S**	0.00 usft	**Northing:**	7,164,585.708 usft	**Latitude:**	39.978106
	+E/-W	0.00 usft	**Easting:**	2,078,976.748 usft	**Longitude:**	-109.934892
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,313.60 usft	**Ground Level:**	5,313.60 usft

Wellbore	DS 2G6-10-18				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	4/29/2013	11.01	65.72	52,068

Design	DS 2G6-10-18				
Audit Notes:					
Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	0.00	0.00	0.00	224.10	

Survey Program **Date** 6/24/2013

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
30.00	10,590.00	DS 2G6-10-18 Final Surveys (DS 2G6-10-	MWD	MWD - Standard

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
Surface @ GL									
534.00	0.00	358.90	534.00	0.00	0.00	0.00	0.00	0.00	0.00
595.00	0.10	12.50	595.00	0.05	0.01	-0.05	0.16	0.16	0.00
686.00	0.10	45.20	686.00	0.19	0.09	-0.19	0.06	0.00	35.93
780.00	0.80	38.30	780.00	0.76	0.55	-0.93	0.75	0.74	-7.34
874.00	3.40	44.90	873.93	3.25	2.92	-4.37	2.77	2.77	7.02
966.00	4.60	48.10	965.70	7.64	7.60	-10.78	1.33	1.30	3.48
1,061.00	4.60	52.00	1,060.39	12.53	13.43	-18.35	0.33	0.00	4.11
1,156.00	3.70	42.40	1,155.14	17.14	18.50	-25.19	1.19	-0.95	-10.11

RECEIVED: Nov. 25, 2014

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,251.00	3.40	43.50	1,249.96	21.45	22.51	-31.07	0.32	-0.32	1.16
1,346.00	2.80	41.00	1,344.82	25.24	25.97	-36.20	0.65	-0.63	-2.63
1,441.00	2.50	42.20	1,439.72	28.53	28.88	-40.59	0.32	-0.32	1.26
1,537.00	2.00	44.90	1,535.65	31.27	31.47	-44.36	0.53	-0.52	2.81
1,632.00	1.80	42.70	1,630.59	33.54	33.66	-47.51	0.22	-0.21	-2.32
1,726.00	2.80	43.40	1,724.52	36.29	36.23	-51.28	1.06	1.06	0.74
1,821.00	3.00	43.60	1,819.40	39.78	39.54	-56.08	0.21	0.21	0.21
1,916.00	0.40	317.00	1,914.35	41.82	41.03	-58.59	3.16	-2.74	-91.16
2,012.00	1.20	257.70	2,010.34	41.85	39.82	-57.77	1.10	0.83	-61.77
2,107.00	0.40	274.90	2,105.33	41.67	38.52	-56.73	0.87	-0.84	18.11
2,202.00	0.60	245.30	2,200.33	41.49	37.74	-56.06	0.34	0.21	-31.16
2,302.00	0.83	79.92	2,300.33	41.40	37.97	-56.15	1.42	0.23	-165.38
2,396.00	0.79	77.80	2,394.32	41.65	39.28	-57.25	0.05	-0.04	-2.26
2,491.00	0.57	39.39	2,489.31	42.16	40.22	-58.26	0.52	-0.23	-40.43
2,586.00	0.35	38.87	2,584.31	42.75	40.70	-59.02	0.23	-0.23	-0.55
2,681.00	0.22	342.27	2,679.31	43.15	40.83	-59.40	0.31	-0.14	-59.58
2,776.00	0.22	319.68	2,774.31	43.46	40.65	-59.50	0.09	0.00	-23.78
2,871.00	0.04	281.01	2,869.31	43.61	40.50	-59.50	0.20	-0.19	-40.71
2,966.00	0.22	348.91	2,964.31	43.79	40.43	-59.59	0.22	0.19	71.47
3,062.00	0.48	205.51	3,060.30	43.61	40.22	-59.31	0.70	0.27	-149.38
3,157.00	0.75	198.04	3,155.30	42.66	39.86	-58.37	0.30	0.28	-7.86
3,252.00	0.88	184.59	3,250.29	41.34	39.61	-57.25	0.24	0.14	-14.16
3,347.00	0.97	345.43	3,345.29	41.39	39.35	-57.11	1.92	0.09	169.31
3,441.00	0.75	326.27	3,439.27	42.67	38.81	-57.65	0.38	-0.23	-20.38
3,536.00	2.07	92.66	3,534.26	43.11	40.18	-58.92	2.72	1.39	133.04
3,632.00	1.98	99.96	3,630.20	42.74	43.54	-61.00	0.28	-0.09	7.60
3,727.00	1.76	107.78	3,725.15	42.01	46.55	-62.56	0.35	-0.23	8.23
3,822.00	1.49	116.39	3,820.11	41.02	49.04	-63.59	0.38	-0.28	9.06
3,917.00	1.23	131.33	3,915.08	39.80	50.92	-64.01	0.46	-0.27	15.73
4,013.00	1.09	142.58	4,011.06	38.39	52.24	-63.93	0.28	-0.15	11.72
4,108.00	1.14	152.95	4,106.04	36.83	53.22	-63.49	0.22	0.05	10.92
4,202.00	0.97	166.84	4,200.03	35.23	53.83	-62.76	0.33	-0.18	14.78
4,297.00	0.83	176.07	4,295.02	33.76	54.06	-61.86	0.21	-0.15	9.72
4,392.00	0.88	187.32	4,390.01	32.35	54.01	-60.82	0.18	0.05	11.84
4,487.00	1.01	198.31	4,484.99	30.83	53.66	-59.48	0.23	0.14	11.57
4,581.00	2.37	217.29	4,578.95	28.49	52.22	-56.80	1.55	1.45	20.19
4,676.00	5.14	225.46	4,673.74	23.95	48.00	-50.60	2.96	2.92	8.60
4,771.00	8.04	227.84	4,768.10	16.50	40.04	-39.71	3.07	3.05	2.51
4,843.00	11.95	227.92	4,838.99	8.12	30.77	-27.24	5.43	5.43	0.11
4,889.00	12.70	227.49	4,883.93	1.51	23.51	-17.44	1.64	1.63	-0.93
4,920.00	17.57	225.82	4,913.85	-4.05	17.63	-9.36	15.77	15.71	-5.39
4,952.00	21.71	223.35	4,943.98	-11.73	10.10	1.39	13.19	12.94	-7.72
4,984.00	24.30	226.07	4,973.43	-20.60	1.30	13.89	8.75	8.09	8.50

RECEIVED: Nov. 25, 2014

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,015.00	27.15	223.09	5,001.36	-30.19	-8.13	27.34	10.09	9.19	-9.61
5,047.00	30.89	228.01	5,029.34	-41.03	-19.23	42.84	13.86	11.69	15.38
5,079.00	35.46	229.85	5,056.12	-52.51	-32.44	60.28	14.62	14.28	5.75
5,110.00	39.59	231.17	5,080.70	-64.51	-47.01	79.04	13.57	13.32	4.26
5,142.00	41.74	231.00	5,104.97	-77.61	-63.23	99.74	6.73	6.72	-0.53
5,174.00	42.67	230.91	5,128.68	-91.15	-79.93	121.08	2.91	2.91	-0.28
5,205.00	45.39	229.85	5,150.96	-104.89	-96.52	142.50	9.09	8.77	-3.42
5,237.00	49.83	228.97	5,172.53	-120.27	-114.46	166.02	14.02	13.88	-2.75
5,269.00	53.61	228.27	5,192.35	-136.88	-133.30	191.06	11.94	11.81	-2.19
5,300.00	56.82	227.83	5,210.03	-153.89	-152.23	216.46	10.42	10.35	-1.42
5,332.00	58.49	226.95	5,227.15	-172.20	-172.13	243.45	5.71	5.22	-2.75
5,363.00	61.83	226.51	5,242.58	-190.63	-191.70	270.30	10.84	10.77	-1.42
5,395.00	67.50	225.02	5,256.27	-210.80	-212.41	299.20	18.21	17.72	-4.65
5,427.00	71.98	225.63	5,267.34	-231.90	-233.76	329.21	14.11	14.00	1.90
5,458.00	74.88	224.40	5,276.18	-252.90	-254.77	358.91	10.10	9.35	-3.97
5,490.00	78.66	223.88	5,283.51	-275.26	-276.46	390.06	11.92	11.81	-1.63
5,521.00	81.21	223.61	5,288.92	-297.30	-297.56	420.58	8.27	8.23	-0.87
5,553.00	82.66	223.53	5,293.41	-320.26	-319.40	452.26	4.54	4.53	-0.25
5,584.00	86.48	223.44	5,296.35	-342.65	-340.63	483.11	12.33	12.32	-0.29
5,616.00	88.90	223.97	5,297.64	-365.76	-362.72	515.08	7.74	7.56	1.66
5,648.00	91.76	225.02	5,297.45	-388.58	-385.14	547.08	9.52	8.94	3.28
5,669.00	91.80	224.00	5,296.80	-403.55	-399.86	568.07	4.86	0.19	-4.86
5,700.00	91.90	223.70	5,295.80	-425.89	-421.32	599.05	1.02	0.32	-0.97
5,732.00	92.30	223.90	5,294.63	-448.97	-443.46	631.03	1.40	1.25	0.63
5,764.00	92.30	223.40	5,293.34	-472.11	-465.53	663.00	1.56	0.00	-1.56
5,795.00	92.60	224.10	5,292.02	-494.48	-486.94	693.97	2.45	0.97	2.26
5,827.00	91.60	223.80	5,290.84	-517.51	-509.14	725.95	3.26	-3.13	-0.94
5,859.00	92.20	224.20	5,289.78	-540.51	-531.35	757.93	2.25	1.88	1.25
5,922.00	91.60	221.10	5,287.69	-586.82	-574.01	820.87	5.01	-0.95	-4.92
5,967.00	92.10	221.20	5,286.24	-620.68	-603.60	865.79	1.13	1.11	0.22
6,017.00	92.40	222.10	5,284.28	-658.02	-636.81	915.70	1.90	0.60	1.80
6,048.00	92.80	221.90	5,282.87	-681.03	-657.53	946.65	1.44	1.29	-0.65
6,080.00	92.80	222.20	5,281.31	-704.76	-678.94	978.59	0.94	0.00	0.94
6,112.00	91.70	222.10	5,280.05	-728.47	-700.39	1,010.55	3.45	-3.44	-0.31
6,143.00	91.20	222.70	5,279.27	-751.35	-721.29	1,041.52	2.52	-1.61	1.94
6,174.00	91.60	223.50	5,278.51	-773.98	-742.47	1,072.51	2.88	1.29	2.58
6,206.00	90.90	221.90	5,277.81	-797.49	-764.16	1,104.49	5.46	-2.19	-5.00
6,237.00	91.00	221.80	5,277.30	-820.58	-784.84	1,135.46	0.46	0.32	-0.32
6,269.00	91.70	221.80	5,276.54	-844.43	-806.16	1,167.43	2.19	2.19	0.00
6,301.00	91.50	221.30	5,275.65	-868.37	-827.38	1,199.38	1.68	-0.63	-1.56
6,332.00	92.20	221.90	5,274.65	-891.54	-847.95	1,230.34	2.97	2.26	1.94
6,364.00	93.30	222.50	5,273.11	-915.22	-869.42	1,262.28	3.91	3.44	1.88
6,395.00	93.70	222.30	5,271.22	-938.06	-890.28	1,293.21	1.44	1.29	-0.65

RECEIVED: Nov. 25, 2014

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,427.00	93.10	222.40	5,269.32	-961.67	-911.80	1,325.14	1.90	-1.88	0.31
6,459.00	92.40	222.10	5,267.79	-985.33	-933.29	1,357.09	2.38	-2.19	-0.94
6,490.00	90.30	221.70	5,267.06	-1,008.40	-953.99	1,388.05	6.90	-6.77	-1.29
6,522.00	90.20	221.90	5,266.92	-1,032.25	-975.32	1,420.03	0.70	-0.31	0.63
6,554.00	90.90	222.40	5,266.61	-1,055.98	-996.79	1,452.01	2.69	2.19	1.56
6,585.00	91.60	222.90	5,265.94	-1,078.77	-1,017.79	1,482.99	2.77	2.26	1.61
6,617.00	92.10	223.10	5,264.90	-1,102.16	-1,039.60	1,514.97	1.68	1.56	0.63
6,649.00	92.60	223.80	5,263.59	-1,125.37	-1,061.59	1,546.94	2.69	1.56	2.19
6,681.00	92.40	223.50	5,262.19	-1,148.51	-1,083.66	1,578.90	1.13	-0.63	-0.94
6,712.00	92.50	223.50	5,260.87	-1,170.97	-1,104.98	1,609.87	0.32	0.32	0.00
6,744.00	91.80	224.10	5,259.67	-1,194.05	-1,127.11	1,641.85	2.88	-2.19	1.88
6,776.00	90.20	221.80	5,259.11	-1,217.47	-1,148.91	1,673.84	8.75	-5.00	-7.19
6,807.00	90.30	221.40	5,258.97	-1,240.65	-1,169.49	1,704.81	1.33	0.32	-1.29
6,839.00	90.30	221.30	5,258.81	-1,264.67	-1,190.63	1,736.77	0.31	0.00	-0.31
6,870.00	91.10	222.30	5,258.43	-1,287.78	-1,211.29	1,767.74	4.13	2.58	3.23
6,902.00	92.60	223.10	5,257.40	-1,311.28	-1,232.98	1,799.71	5.31	4.69	2.50
6,933.00	93.70	223.40	5,255.69	-1,333.83	-1,254.19	1,830.66	3.68	3.55	0.97
6,965.00	94.50	223.60	5,253.40	-1,356.98	-1,276.16	1,862.58	2.58	2.50	0.63
6,997.00	92.20	222.30	5,251.53	-1,380.36	-1,297.92	1,894.52	8.25	-7.19	-4.06
7,028.00	92.60	220.80	5,250.24	-1,403.54	-1,318.47	1,925.46	5.00	1.29	-4.84
7,060.00	92.10	220.00	5,248.92	-1,427.89	-1,339.19	1,957.36	2.95	-1.56	-2.50
7,092.00	90.70	219.30	5,248.14	-1,452.52	-1,359.60	1,989.26	4.89	-4.38	-2.19
7,124.00	90.00	218.20	5,247.95	-1,477.47	-1,379.63	2,021.12	4.07	-2.19	-3.44
7,155.00	91.10	218.90	5,247.65	-1,501.72	-1,398.95	2,051.97	4.21	3.55	2.26
7,187.00	91.60	218.00	5,246.89	-1,526.77	-1,418.84	2,083.80	3.22	1.56	-2.81
7,219.00	92.10	216.90	5,245.86	-1,552.16	-1,438.29	2,115.57	3.77	1.56	-3.44
7,250.00	92.30	215.10	5,244.67	-1,577.22	-1,456.49	2,146.24	5.84	0.65	-5.81
7,282.00	92.40	214.40	5,243.36	-1,603.49	-1,474.72	2,177.79	2.21	0.31	-2.19
7,313.00	92.50	213.50	5,242.03	-1,629.18	-1,492.02	2,208.27	2.92	0.32	-2.90
7,345.00	93.00	214.20	5,240.50	-1,655.73	-1,509.82	2,239.73	2.69	1.56	2.19
7,377.00	92.60	212.80	5,238.94	-1,682.38	-1,527.46	2,271.14	4.55	-1.25	-4.38
7,408.00	91.60	212.30	5,237.80	-1,708.49	-1,544.13	2,301.50	3.61	-3.23	-1.61
7,440.00	91.30	211.50	5,236.99	-1,735.65	-1,561.03	2,332.76	2.67	-0.94	-2.50
7,472.00	91.40	211.60	5,236.24	-1,762.91	-1,577.77	2,363.99	0.44	0.31	0.31
7,503.00	91.60	212.40	5,235.42	-1,789.19	-1,594.19	2,394.29	2.66	0.65	2.58
7,535.00	91.60	212.50	5,234.53	-1,816.19	-1,611.36	2,425.62	0.31	0.00	0.31
7,567.00	92.60	212.70	5,233.36	-1,843.13	-1,628.58	2,456.96	3.19	3.13	0.63
7,598.00	92.70	213.40	5,231.93	-1,869.08	-1,645.47	2,487.35	2.28	0.32	2.26
7,630.00	92.40	212.90	5,230.50	-1,895.85	-1,662.95	2,518.74	1.82	-0.94	-1.56
7,662.00	92.90	212.50	5,229.02	-1,922.75	-1,680.22	2,550.07	2.00	1.56	-1.25
7,706.00	92.00	213.00	5,227.14	-1,959.72	-1,704.00	2,593.17	2.34	-2.05	1.14
7,737.00	91.50	215.00	5,226.19	-1,985.40	-1,721.33	2,623.68	6.65	-1.61	6.45
7,769.00	92.70	215.50	5,225.02	-2,011.52	-1,739.79	2,655.27	4.06	3.75	1.56
7,801.00	91.70	214.10	5,223.79	-2,037.78	-1,758.03	2,686.83	5.37	-3.13	-4.38

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,832.00	90.50	215.80	5,223.20	-2,063.18	-1,775.79	2,717.43	6.71	-3.87	5.48
7,864.00	90.40	216.40	5,222.95	-2,089.03	-1,794.64	2,749.11	1.90	-0.31	1.88
7,895.00	90.20	215.70	5,222.78	-2,114.10	-1,812.89	2,779.81	2.35	-0.65	-2.26
7,927.00	89.40	215.40	5,222.90	-2,140.13	-1,831.49	2,811.45	2.67	-2.50	-0.94
7,959.00	90.40	215.40	5,222.95	-2,166.22	-1,850.03	2,843.08	3.13	3.13	0.00
7,990.00	91.60	215.30	5,222.41	-2,191.50	-1,867.96	2,873.72	3.88	3.87	-0.32
8,022.00	91.70	214.60	5,221.49	-2,217.71	-1,886.28	2,905.30	2.21	0.31	-2.19
8,054.00	92.10	215.20	5,220.43	-2,243.94	-1,904.58	2,936.87	2.25	1.25	1.88
8,085.00	92.60	214.80	5,219.16	-2,269.32	-1,922.35	2,967.45	2.06	1.61	-1.29
8,117.00	93.00	215.40	5,217.59	-2,295.47	-1,940.73	2,999.02	2.25	1.25	1.88
8,149.00	92.70	214.80	5,216.00	-2,321.61	-1,959.10	3,030.59	2.09	-0.94	-1.88
8,180.00	91.80	214.60	5,214.79	-2,347.08	-1,976.74	3,061.15	2.97	-2.90	-0.65
8,212.00	91.80	214.70	5,213.78	-2,373.39	-1,994.92	3,092.70	0.31	0.00	0.31
8,243.00	93.10	214.70	5,212.46	-2,398.85	-2,012.55	3,123.26	4.19	4.19	0.00
8,275.00	92.00	215.70	5,211.03	-2,424.98	-2,030.98	3,154.84	4.64	-3.44	3.13
8,307.00	91.20	217.00	5,210.14	-2,450.74	-2,049.94	3,186.53	4.77	-2.50	4.06
8,338.00	91.50	217.50	5,209.41	-2,475.41	-2,068.70	3,217.30	1.88	0.97	1.61
8,370.00	91.70	219.80	5,208.51	-2,500.39	-2,088.67	3,249.14	7.21	0.63	7.19
8,401.00	91.50	221.40	5,207.65	-2,523.91	-2,108.84	3,280.07	5.20	-0.65	5.16
8,433.00	91.30	221.90	5,206.87	-2,547.82	-2,130.10	3,312.03	1.68	-0.63	1.56
8,464.00	91.20	222.90	5,206.19	-2,570.70	-2,151.00	3,343.01	3.24	-0.32	3.23
8,496.00	92.00	225.50	5,205.30	-2,593.63	-2,173.30	3,375.00	8.50	2.50	8.13
8,527.00	92.50	225.60	5,204.08	-2,615.33	-2,195.41	3,405.96	1.64	1.61	0.32
8,558.00	92.30	226.30	5,202.78	-2,636.86	-2,217.67	3,436.92	2.35	-0.65	2.26
8,590.00	92.50	226.90	5,201.44	-2,658.83	-2,240.90	3,468.86	1.97	0.63	1.88
8,622.00	92.30	226.40	5,200.10	-2,680.78	-2,264.15	3,500.80	1.68	-0.63	-1.56
8,653.00	92.00	227.00	5,198.94	-2,702.02	-2,286.69	3,531.75	2.16	-0.97	1.94
8,685.00	91.60	225.90	5,197.93	-2,724.06	-2,309.88	3,563.70	3.66	-1.25	-3.44
8,716.00	91.30	226.90	5,197.15	-2,745.43	-2,332.32	3,594.67	3.37	-0.97	3.23
8,748.00	91.20	226.90	5,196.45	-2,767.29	-2,355.68	3,626.62	0.31	-0.31	0.00
8,779.00	91.30	226.80	5,195.78	-2,788.48	-2,378.29	3,657.58	0.46	0.32	-0.32
8,811.00	91.30	227.10	5,195.05	-2,810.32	-2,401.67	3,689.53	0.94	0.00	0.94
8,843.00	91.10	227.20	5,194.38	-2,832.08	-2,425.12	3,721.48	0.70	-0.63	0.31
8,874.00	91.30	227.70	5,193.73	-2,853.04	-2,447.95	3,752.42	1.74	0.65	1.61
8,906.00	92.20	228.50	5,192.75	-2,874.40	-2,471.76	3,784.33	3.76	2.81	2.50
8,938.00	92.50	228.50	5,191.44	-2,895.59	-2,495.71	3,816.20	0.94	0.94	0.00
8,968.00	92.70	228.50	5,190.08	-2,915.44	-2,518.15	3,846.09	0.67	0.67	0.00
9,000.00	92.10	228.30	5,188.74	-2,936.67	-2,542.06	3,877.97	1.98	-1.88	-0.63
9,032.00	91.00	228.20	5,187.87	-2,957.97	-2,565.93	3,909.87	3.45	-3.44	-0.31
9,063.00	90.60	228.50	5,187.44	-2,978.57	-2,589.09	3,940.78	1.61	-1.29	0.97
9,095.00	90.70	228.90	5,187.08	-2,999.69	-2,613.13	3,972.68	1.29	0.31	1.25
9,127.00	91.40	229.50	5,186.49	-3,020.60	-2,637.34	4,004.54	2.88	2.19	1.88
9,158.00	92.00	229.90	5,185.57	-3,040.64	-2,660.98	4,035.38	2.33	1.94	1.29

RECEIVED: Nov. 25, 2014

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,190.00	92.70	230.60	5,184.26	-3,061.08	-2,685.56	4,067.17	3.09	2.19	2.19
9,221.00	92.70	230.90	5,182.80	-3,080.67	-2,709.54	4,097.93	0.97	0.00	0.97
9,253.00	92.40	230.80	5,181.38	-3,100.86	-2,734.33	4,129.67	0.99	-0.94	-0.31
9,285.00	91.80	231.10	5,180.20	-3,121.00	-2,759.16	4,161.42	2.10	-1.88	0.94
9,316.00	91.70	231.20	5,179.26	-3,140.44	-2,783.30	4,192.18	0.46	-0.32	0.32
9,348.00	91.90	230.60	5,178.25	-3,160.61	-2,808.12	4,223.93	1.98	0.63	-1.88
9,380.00	91.60	230.90	5,177.27	-3,180.85	-2,832.89	4,255.70	1.33	-0.94	0.94
9,411.00	91.10	230.90	5,176.54	-3,200.39	-2,856.94	4,286.48	1.61	-1.61	0.00
9,460.00	90.50	230.70	5,175.86	-3,231.36	-2,894.90	4,335.14	1.29	-1.22	-0.41
9,505.00	91.00	231.10	5,175.27	-3,259.74	-2,929.82	4,379.82	1.42	1.11	0.89
9,539.00	91.80	231.70	5,174.44	-3,280.94	-2,956.39	4,413.53	2.94	2.35	1.76
9,570.00	92.60	231.80	5,173.25	-3,300.12	-2,980.71	4,444.23	2.60	2.58	0.32
9,602.00	92.70	232.00	5,171.77	-3,319.85	-3,005.87	4,475.90	0.70	0.31	0.63
9,633.00	92.30	232.00	5,170.42	-3,338.91	-3,030.27	4,506.58	1.29	-1.29	0.00
9,665.00	91.60	231.50	5,169.33	-3,358.71	-3,055.39	4,538.27	2.69	-2.19	-1.56
9,697.00	91.00	232.20	5,168.60	-3,378.47	-3,080.55	4,569.97	2.88	-1.88	2.19
9,729.00	90.40	232.70	5,168.21	-3,397.97	-3,105.91	4,601.63	2.44	-1.88	1.56
9,760.00	90.30	232.80	5,168.02	-3,416.74	-3,130.59	4,632.28	0.46	-0.32	0.32
9,792.00	90.20	232.60	5,167.88	-3,436.13	-3,156.05	4,663.92	0.70	-0.31	-0.63
9,824.00	91.10	232.80	5,167.52	-3,455.52	-3,181.50	4,695.55	2.88	2.81	0.63
9,855.00	92.20	233.70	5,166.63	-3,474.06	-3,206.33	4,726.14	4.58	3.55	2.90
9,887.00	92.30	234.20	5,165.37	-3,492.88	-3,232.18	4,757.65	1.59	0.31	1.56
9,918.00	92.20	234.30	5,164.15	-3,510.97	-3,257.32	4,788.14	0.46	-0.32	0.32
9,950.00	91.90	234.80	5,163.01	-3,529.52	-3,283.37	4,819.59	1.82	-0.94	1.56
9,982.00	91.40	234.00	5,162.09	-3,548.14	-3,309.38	4,851.06	2.95	-1.56	-2.50
10,014.00	91.90	235.00	5,161.17	-3,566.72	-3,335.42	4,882.52	3.49	1.56	3.13
10,045.00	92.40	235.00	5,160.00	-3,584.49	-3,360.79	4,912.94	1.61	1.61	0.00
10,077.00	90.20	232.40	5,159.28	-3,603.42	-3,386.57	4,944.48	10.64	-6.88	-8.13
10,108.00	90.20	231.80	5,159.17	-3,622.47	-3,411.03	4,975.17	1.94	0.00	-1.94
10,140.00	90.80	232.70	5,158.89	-3,642.06	-3,436.33	5,006.85	3.38	1.88	2.81
10,172.00	90.70	232.10	5,158.47	-3,661.58	-3,461.69	5,038.51	1.90	-0.31	-1.88
10,204.00	90.90	231.60	5,158.02	-3,681.34	-3,486.85	5,070.21	1.68	0.63	-1.56
10,235.00	91.00	231.60	5,157.51	-3,700.60	-3,511.14	5,100.95	0.32	0.32	0.00
10,267.00	91.50	231.90	5,156.81	-3,720.40	-3,536.26	5,132.65	1.82	1.56	0.94
10,298.00	92.00	232.90	5,155.87	-3,739.31	-3,560.81	5,163.31	3.61	1.61	3.23
10,329.00	92.00	232.90	5,154.78	-3,758.00	-3,585.52	5,193.93	0.00	0.00	0.00
10,361.00	91.90	232.60	5,153.70	-3,777.35	-3,610.98	5,225.55	0.99	-0.31	-0.94
10,392.00	91.50	232.20	5,152.78	-3,796.26	-3,635.53	5,256.21	1.82	-1.29	-1.29
10,424.00	91.10	232.70	5,152.05	-3,815.76	-3,660.89	5,287.86	2.00	-1.25	1.56
10,455.00	91.30	232.80	5,151.40	-3,834.52	-3,685.56	5,318.50	0.72	0.65	0.32
10,487.00	90.90	233.40	5,150.79	-3,853.73	-3,711.15	5,350.10	2.25	-1.25	1.88
10,518.00	90.50	233.20	5,150.41	-3,872.25	-3,736.00	5,380.70	1.44	-1.29	-0.65
10,550.00	90.90	233.30	5,150.02	-3,891.40	-3,761.64	5,412.29	1.29	1.25	0.31

NATIVE NAVIGATION
DIRECTIONAL DRILLING SPECIALISTS

Native Navigation
Survey Report

QEP Resources, Inc.

Company:	QEP Energy Services	**Local Co-ordinate Reference:**	Well DS 2G6-10-18
Project:	Desert Springs	**TVD Reference:**	RKB @ 5343.60usft (SST 88)
Site:	DS 2G6-10-18	**MD Reference:**	RKB @ 5343.60usft (SST 88)
Well:	DS 2G6-10-18	**North Reference:**	True
Wellbore:	DS 2G6-10-18	**Survey Calculation Method:**	Minimum Curvature
Design:	DS 2G6-10-18	**Database:**	Compass DB Connection

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
10,590.00	90.90	233.30	5,149.39	-3,915.30	-3,793.71	5,451.77	0.00	0.00	0.00
Projection @ TD									

Checked By: _____ Approved By: _____ Date: _____

RECEIVED: Nov. 25, 2014